

1. Approving Civil Aviation Authority/Country Transport Canada		2. AUTHORIZED RELEASE CERTIFICATE FORM ONE			3. Form Tracking No.
4. Organization Name and Address AERO Design Ltd. – 2013 39 <sup>th</sup> Avenue NE, Calgary, Alberta, T2E 6R7			5. Work Order/Contract/Invoice WO 2004-06		
6. Item	7. Description Cargo Basket	8. Part Number 49205-01	9. Qty. 1	10. Serial/Batch No. 49201-14	11. Status/Work Overhauled
12. Remarks Powder-coating stripped, basket inspected, re-powder coated					
13a. Certifies that the items identified above were manufactured in conformity to:			14a. <input type="checkbox"/> CAR 571.10 Maintenance Release <input type="checkbox"/> Other regulation specified in block 12  Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, has been performed in compliance with the Canadian Aviation Regulations.		
13b. Signature 		13c. Approved Organization Number AMF 73-04	14b. Signature		14c. Approved Organization Number
13d. Name Jeff Clarke		13e. Date (dd/mmm/yyyy) 18 May 2012	14d. Name		14e. Date (dd/mmm/yyyy)
Installer Responsibilities					
<p>This certificate does not constitute authority to install.</p> <p>Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from the country specified.</p> <p>Statements in blocks 13a or 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.</p>					

AERO Design Ltd.  
2013 - 39<sup>th</sup> Ave. NE  
Calgary, AB, T2E 6R7

## AUTHORIZED RELEASE CERTIFICATE

TRANSPORT CANADA  
TCCA 24-0078  
AMF # 73-04

Product: High Cargo Basket Assembly Part #: 60630-01

Approval #: SH00-48 Serial #: 49201-11

WO #: 2004-11 Quantity: 1

Eligibility: Bell 206L Series / 407 Work Status: Manufactured

Remarks: \_\_\_\_\_

*I hereby certify that the product identified above has been manufactured in accordance with the applicable design data and the Canadian Aviation Regulations or applicable foreign regulations.*

Feb 16/09

JH Clark

Date

Inspector's Signature

AERO Design Ltd.  
2013 - 39<sup>th</sup> Ave. NE  
Calgary, AB, T2E 6R7

## AUTHORIZED RELEASE CERTIFICATE

TRANSPORT CANADA  
TCCA 24-0078  
AMF # 73-04

Product: Forward Beam Part #: 49221-01

Approval #: SH00-48 Serial #: --

WO #: N/A Quantity: 1

Eligibility: Bell 206L Series / 407 Work Status: Manufactured

Remarks: \_\_\_\_\_

*I hereby certify that the product identified above has been manufactured in accordance with the applicable design data and the Canadian Aviation Regulations or applicable foreign regulations.*

Feb 19/09

JH Clark

Date

Inspector's Signature

AERO Design Ltd.  
2013 - 39<sup>th</sup> Ave. NE  
Calgary, AB, T2E 6R7

## AUTHORIZED RELEASE CERTIFICATE

TRANSPORT CANADA  
TCCA 24-0078  
AMF # 73-04

Product: Aft Beam Part #: 49221-02

Approval #: SH00-48 Serial #: --

WO #: N/A Quantity: 1

Eligibility: Bell 206L Series / 407 Work Status: Manufactured

Remarks: \_\_\_\_\_

*I hereby certify that the product identified above has been manufactured in accordance with the applicable design data and the Canadian Aviation Regulations or applicable foreign regulations.*

Feb 19/09

JH Clark

Date

Inspector's Signature

AERO Design Ltd.  
2013 - 39<sup>th</sup> Ave. NE  
Calgary, AB, T2E 6R7

AUTHORIZED RELEASE CERTIFICATE

TRANSPORT CANADA  
TCCA 24-0078  
AMF # 73-04

Product: Mounting Plate Part #: 60646-01

Approval #: SH00-48 Serial #: --

WO #: N/A Quantity: 4

Eligibility: Bell 407 Work Status: Manufactured

Remarks: \_\_\_\_\_

*I hereby certify that the product identified above has been manufactured in accordance with the applicable design data and the Canadian Aviation Regulations or applicable foreign regulations.*

Feb 19/08  
Date

Jeff Clark  
Inspector's Signature

AERO Design Ltd.  
2013 - 39<sup>th</sup> Ave. NE  
Calgary, AB, T2E 6R7

AUTHORIZED RELEASE CERTIFICATE

TRANSPORT CANADA  
TCCA 24-0078  
AMF # 73-04

Product: Low Mounted Fixed Cargo Basket Part #: 49205-01

Approval #: SH00-48 Serial #: 49201-09

WO #: 2004-01 Quantity: 1

Eligibility: Bell 206L Series / 407 Work Status: Manufactured

Remarks:

*I hereby certify that the product identified above has been manufactured in accordance with the applicable design data and the Canadian Aviation Regulations or applicable foreign regulations.*

March 27/05

Jeff Clark  
Inspector's Signature

Date

AERO Design Ltd.  
2013 - 39<sup>th</sup> Ave. NE  
Calgary, AB, T2E 6R7

AUTHORIZED RELEASE CERTIFICATE

TRANSPORT CANADA  
TCCA 24-0078  
AMF # 73-04

Product: Forward Beam Part #: 49221-01

Approval #: SH00-48 Serial #: --

WO #: N/A Quantity: 1

Eligibility: Bell 206L Series / 407 Work Status: Manufactured

Remarks:

*I hereby certify that the product identified above has been manufactured in accordance with the applicable design data and the Canadian Aviation Regulations or applicable foreign regulations.*

March 27/05

Jeff Clark  
Inspector's Signature

Date

AERO Design Ltd.  
2013 - 39<sup>th</sup> Ave. NE  
Calgary, AB, T2E 6R7

AUTHORIZED RELEASE CERTIFICATE

TRANSPORT CANADA  
TCCA 24-0078  
AMF # 73-04

Product: Aft Beam Part #: 49221-02

Approval #: SH00-48 Serial #: --

WO #: N/A Quantity: 1

Eligibility: Bell 206L Series / 407 Work Status: Manufactured

Remarks:

*I hereby certify that the product identified above has been manufactured in accordance with the applicable design data and the Canadian Aviation Regulations or applicable foreign regulations.*

March 27/05

Jeff Clark  
Inspector's Signature

Date

AERO Design Ltd.  
2013 - 39<sup>th</sup> Ave. NE  
Calgary, AB, T2E 6R7

## AUTHORIZED RELEASE CERTIFICATE

TRANSPORT CANADA  
TCCA 24-0078  
AMF # 73-04Product: High Cargo Basket Assembly Part #: 60630-01Approval #: SH00-48 Serial #: 49201-11WO #: 2004-11 Quantity: 1Eligibility: Bell 206L Series / 407 Work Status: Manufactured

Remarks: \_\_\_\_\_

I hereby certify that the product identified above has been manufactured in accordance with the applicable design data and the Canadian Aviation Regulations or applicable foreign regulations.

Feb 19/09

Date

JH Clark  
Inspector's Signature

AERO Design Ltd.  
2013 - 39<sup>th</sup> Ave. NE  
Calgary, AB, T2E 6R7

## AUTHORIZED RELEASE CERTIFICATE

TRANSPORT CANADA  
TCCA 24-0078  
AMF # 73-04Product: Forward Beam Part #: 49221-01Approval #: SH00-48 Serial #: --WO #: N/A Quantity: 1Eligibility: Bell 206L Series / 407 Work Status: Manufactured

Remarks: \_\_\_\_\_

I hereby certify that the product identified above has been manufactured in accordance with the applicable design data and the Canadian Aviation Regulations or applicable foreign regulations.

Feb 19/09

Date

JH Clark  
Inspector's Signature

AERO Design Ltd.  
2013 - 39<sup>th</sup> Ave. NE  
Calgary, AB, T2E 6R7

## AUTHORIZED RELEASE CERTIFICATE

TRANSPORT CANADA  
TCCA 24-0078  
AMF # 73-04Product: Aft Beam Part #: 49221-02Approval #: SH00-48 Serial #: --WO #: N/A Quantity: 1Eligibility: Bell 206L Series / 407 Work Status: Manufactured

Remarks: \_\_\_\_\_

I hereby certify that the product identified above has been manufactured in accordance with the applicable design data and the Canadian Aviation Regulations or applicable foreign regulations.

Feb 19/09

Date

JH Clark  
Inspector's Signature

AERO Design Ltd.  
2013 – 39<sup>th</sup> Ave. NE  
Calgary, AB, T2E 6R7

AUTHORIZED RELEASE CERTIFICATE

TRANSPORT CANADA  
TCCA 24-0078  
AMF # 73-04

Product: Mounting Plate Part #: 60646-01  
Approval #: SH00-48 Serial #: --  
WO #: N/A Quantity: 4  
Eligibility: Bell 407 Work Status: Manufactured  
Remarks: \_\_\_\_\_

*I hereby certify that the product identified above has been manufactured in accordance with the applicable design data and the Canadian Aviation Regulations or applicable foreign regulations.*

Feb 19/08  
Date

Jff Clarke  
Inspector's Signature

AERO Design Ltd.  
2013 – 39<sup>th</sup> Ave. NE  
Calgary, AB, T2E 6R7

AUTHORIZED RELEASE CERTIFICATE

TRANSPORT CANADA  
TCCA 24-0078  
AMF # 73-04

Product: Forward Fitting Part #: 60620-01  
Approval #: SH00-48 Serial #: --  
WO #: 2008-22 Quantity: 2  
Eligibility: Bell 407 Work Status: Manufactured  
Remarks: \_\_\_\_\_

*I hereby certify that the product identified above has been manufactured in accordance with the applicable design data and the Canadian Aviation Regulations or applicable foreign regulations.*

Feb 19/08  
Date

Jff Clarke  
Inspector's Signature

AERO Design Ltd.  
2013 – 39<sup>th</sup> Ave. NE  
Calgary, AB, T2E 6R7

AUTHORIZED RELEASE CERTIFICATE

TRANSPORT CANADA  
TCCA 24-0078  
AMF # 73-04

Product: Barrel Nut Part #: 49320-01  
Approval #: SH00-48 Serial #: --  
WO #: 2008-22 Quantity: 2  
Eligibility: Bell 206L Series / 407 Work Status: Manufactured  
Remarks: \_\_\_\_\_

*I hereby certify that the product identified above has been manufactured in accordance with the applicable design data and the Canadian Aviation Regulations or applicable foreign regulations.*

Feb 19/08  
Date

Jff Clarke  
Inspector's Signature

AERO Design Ltd.  
2013 – 39<sup>th</sup> Ave. NE  
Calgary, AB, T2E 6R7

AUTHORIZED RELEASE CERTIFICATE

TRANSPORT CANADA  
TCCA 24-0078  
AMF # 73-04

Product: BLOCK Part #: 60620-01

Approval #: SH00-48 Serial #:

WO #: 2007-14 Quantity: 2

Eligibility: BELL 407 Work Status: Manufactured

Remarks:

*I hereby certify that the product identified above has been manufactured in accordance with the applicable design data and the Canadian Aviation Regulations or applicable foreign regulations.*

Feb 19/01

JH Clark

Date

Inspector's Signature

AERO Design Ltd.  
2013 – 39<sup>th</sup> Ave. NE  
Calgary, AB, T2E 6R7

AUTHORIZED RELEASE CERTIFICATE

TRANSPORT CANADA  
TCCA 24-0078  
AMF # 73-04

Product: BARREL NUT Part #: 60622-01

Approval #: SH00-48 Serial #:

WO #: 2007-14 Quantity: 2

Eligibility: BELL 407 Work Status: Manufactured

Remarks:

*I hereby certify that the product identified above has been manufactured in accordance with the applicable design data and the Canadian Aviation Regulations or applicable foreign regulations.*

Feb 19/01

JH Clark

Date

Inspector's Signature

AERO Design Ltd.  
2013 – 39<sup>th</sup> Ave. NE  
Calgary, AB, T2E 6R7

AUTHORIZED RELEASE CERTIFICATE

TRANSPORT CANADA  
TCCA 24-0078  
AMF # 73-04

Product: BARREL NUT Part #: 60624-01

Approval #: SH00-48 Serial #:

WO #: 2007-14 Quantity: 2

Eligibility: BELL 407 Work Status: Manufactured

Remarks:

*I hereby certify that the product identified above has been manufactured in accordance with the applicable design data and the Canadian Aviation Regulations or applicable foreign regulations.*

Feb 19/01

JH Clark

Date

Inspector's Signature

*Southern  
Helicopters*

AERO Design Ltd.  
2013 - 39<sup>th</sup> Ave. NE  
Calgary, AB, T2E 6R7

AUTHORIZED RELEASE CERTIFICATE

TRANSPORT CANADA  
TCCA 24-0078  
AMF # 73-04

Product: Cargo Basket Part #: 49205-01  
Approval #: SH00-48 Serial #: 49201-20  
WO #: 2004-06 Quantity: 1  
Eligibility: Bell 206L Series / 407 Work Status: Manufactured  
Remarks:

*I hereby certify that the product identified above has been manufactured in accordance with the applicable design data and the Canadian Aviation Regulations or applicable foreign regulations.*

Feb 18/09

*JH Clark*  
Inspector's Signature

AERO Design Ltd.  
2013 - 39<sup>th</sup> Ave. NE  
Calgary, AB, T2E 6R7

AUTHORIZED RELEASE CERTIFICATE

TRANSPORT CANADA  
TCCA 24-0078  
AMF # 73-04

Product: Forward Beam Part #: 49221-01  
Approval #: SH00-48 Serial #: --  
WO #: 2006-02 Quantity: 1  
Eligibility: Bell 206L Series / 407 Work Status: Manufactured

Remarks:

*I hereby certify that the product identified above has been manufactured in accordance with the applicable design data and the Canadian Aviation Regulations or applicable foreign regulations.*

Feb 18/09

*JH Clark*  
Inspector's Signature

AERO Design Ltd.  
2013 - 39<sup>th</sup> Ave. NE  
Calgary, AB, T2E 6R7

AUTHORIZED RELEASE CERTIFICATE

TRANSPORT CANADA  
TCCA 24-0078  
AMF # 73-04

Product: Aft Beam Part #: 49221-02  
Approval #: SH00-48 Serial #: --  
WO #: 2006-02 Quantity: 1  
Eligibility: Bell 206L Series / 407 Work Status: Manufactured  
Remarks:

*I hereby certify that the product identified above has been manufactured in accordance with the applicable design data and the Canadian Aviation Regulations or applicable foreign regulations.*

Feb 18/09

*JH Clark*  
Inspector's Signature

*SOUTHERN  
HELICOPTERS*

AERO Design Ltd.  
2013 - 39<sup>th</sup> Ave. NE  
Calgary, AB, T2E 6R7

AUTHORIZED RELEASE CERTIFICATE

TRANSPORT CANADA  
TCCA 24-0078  
AMF # 73-04

Product: Forward Fitting Part #: 49311-01  
Approval #: SH00-48 Serial #: --  
WO #: 2008-22 Quantity: 2  
Eligibility: Bell 206L Series Work Status: Manufactured  
Remarks: Including Barrel Nuts 49320-01

*I hereby certify that the product identified above has been manufactured in accordance with the applicable design data and the Canadian Aviation Regulations or applicable foreign regulations.*

Feb 18/09

*Jff Clark*  
Inspector's Signature

AERO Design Ltd.  
2013 - 39<sup>th</sup> Ave. NE  
Calgary, AB, T2E 6R7

AUTHORIZED RELEASE CERTIFICATE

TRANSPORT CANADA  
TCCA 24-0078  
AMF # 73-04

Product: Aft Fitting Part #: 49312-01  
Approval #: SH00-48 Serial #: --  
WO #: 2006-07 Quantity: 2  
Eligibility: Bell 206L Series Work Status: Manufactured  
Remarks: Including Barrel Nuts 49320-01

*I hereby certify that the product Identified above has been manufactured in accordance with the applicable design data and the Canadian Aviation Regulations or applicable foreign regulations.*

Feb 18/09

*Jff Clark*  
Inspector's Signature

AERO Design Ltd.  
2013 – 39<sup>th</sup> Ave. NE  
Calgary, AB, T2E 6R7

AUTHORIZED RELEASE CERTIFICATE

TRANSPORT CANADA  
TCCA 24-0078  
AMF # 73-04

Product: CARGO BASKET Part #: 460603-01

Approval #: SH00-48 Serial #: 49201-13

WO #: 2004-11 Quantity: 1

Eligibility: BELL 206L /407 Work Status: Manufactured

Remarks: \_\_\_\_\_

*I hereby certify that the product identified above has been manufactured in accordance with the applicable design data and the Canadian Aviation Regulations or applicable foreign regulations.*

31 JAN 2004

Inspector's Signature

AERO Design Ltd.  
2013 - 39<sup>th</sup> Ave. NE  
Calgary, AB, T2E 6R7

AUTHORIZED RELEASE CERTIFICATE

TRANSPORT CANADA  
TCCA 24-0078  
AMF # 73-04

Product: Heathco CARGO BASKET Part #: 60603  
80000-01

Approval #: SH00-78 Serial #: 49201-11

WO #: 9004-11 Quantity: 1

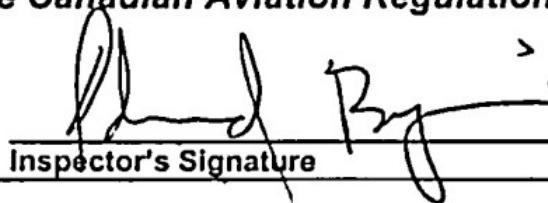
Eligibility: BELL 206L/407 Work Status: Manufactured

Remarks: \_\_\_\_\_

*I hereby certify that the product identified above has been manufactured in accordance with the applicable design data and the Canadian Aviation Regulations or applicable foreign regulations.*

31 JAN 2004  
Date

Inspector's Signature



# WORK ORDER

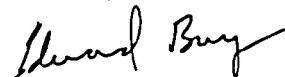
Order Date: 28/10/04  
D / M / Y

W.O. Number # 2004-11  
Current yyyy - 000

Customer Purchase Order: \_\_\_\_\_  
Expected Completion Date: \_\_\_\_\_

NOTE: A new file must be opened for each work order and a unique sequential number assigned.

This Work Order is part of a set of Incorporated Documents referenced in the Quality Program Manual of AERO Design Ltd. as Process Control Forms. It has been developed in compliance with the quality records requirements of an Approved Manufacturing Facility of aeronautical parts and products under CARS PART V Chapter 61, and AWM Advisories 561/1, 2, 3A &4 effective January 1, 1986.

  
President, AERO Design Ltd.

## A. PREPARATION

### 1. Type Approval Authority

All work detailed in this Work Order is to be completed in accordance with:

Supplemental Type Certificate: SH00-48 Issue: Issue 4 (pending)

### 2. Scope of Work

#### a) Complete Product

- Fabrication of 2 60630-01 Cargo Basket Assembly  
Qty Item And 49201-13  
 Traceability: Serial Numbers: From # 49201-11 ~~To # 49201-12~~  
XXX-XXX XXX-XXX
- Document Serial Numbers in this Work Order Section D - Final Inspection & Sign-Off of Aeronautical Products
- Record Serial Numbers in Serial Number Control List [Form 010].

OR

#### b) Component Parts

- Fabrication of component parts of \_\_\_\_\_  
as detailed in this Work Order Section B - Parts List.
- Traceability: finished parts will be indelibly marked with this Work Order Number.

Notes: \_\_\_\_\_



Order Date: 28/10/04  
D / M / Y

W.O. Number # 2004-11  
Current yyyy - 000

**3. Work Order Package Preparation**

Document Control List for STC SH00-48 issue 4; DCL 606-1 Rev.0

Full set of new drawings for complete fabrication.

OR

Partial set of new drawings for parts fabrication:

Drawing List: \_\_\_\_\_

Notes: \_\_\_\_\_

Order Date: 28/10/04  
D/M/Y

W.O. Number # 2004-11  
Current yyyy - 000

## B. PARTS LIST

- Complete fabrication: This list may not be used as Final Inspection Record.
- Partial fabrication: This list may be used as Final Inspection Record.

Qty	Part No.	Description	Materials	Tracking Number	Final Inspection (Parts mfg only) Accept (A) Non-Conforming (NC)
1	60630-01	Basket Assy			
2	60631-01	Basket Body			
2	60632-01	LID			
8	60640-01	RIM	4130 STEEL COND.N 314E3 1/4 x 0.035	3016	
8	49212-01	RIM	"	3016	
2	60641-01	FRONT HOOP	4130 STEEL COND.N 1/2" SQR x 0.035	4064	
2	60642-01	ATTACH HOOP	"	4064	
10	60643-01	SPINE	"	9506142	
4	60644-01	BUSHING <sup>LUG</sup>	5/8" 1018 STEEL ROD	951108	
4	60644-02	8" LUG	"	951108	
2	49218	PLACARD	3M SLOTCUTCAR	4039	
8	60646-01	MOUNTING PLATE	ALUMINUM 1/8" Sheet	4070	
4	60647-01	BUSHING	BRASS 1/2" ROD	2021	
8	60648-01	HOOP	4130 STEEL COND.N 1/2" SQR x 0.035	4064 / 9506142	
8	49213-01	LID BRACE	4130 STEEL COND.N 3/4" SQR x 0.035	3016	
2	49215-01	SPACER	1018 STEEL 1/2" ROD	950112	
2	49216-01	SPACER	"	950112	
2	49221-01	FWD BEAM	6061-T6 Al. 3x1 BAR	4066 / 4066	

Notes: SEE ATTACHED SHEET FOR REMAINDER.

Order Date: 28/10/04  
D / M / Y

W.O. Number # 2004-11  
Current yyyy - 000

### C. INSPECTION & SIGN-OFF OF COMPONENT PARTS & ASSEMBLIES

#### 1. Inspection of Welded Assemblies

I hereby certify that I have inspected the welding of the aeronautical parts and assemblies specified in this Work Order and have found it to be complete and conforming to the requirements specified in the Work Scope, except where specifically identified and noted as non-conforming.

14/10/2005   
Date Welder's Signature \_\_\_\_\_

License # \_\_\_\_\_

#### 2. Inspection of Component Parts

I hereby certify that I have inspected the aeronautical component parts manufactured under this Work Order and have found them to be in conformity to the Approved Design Data specified within the Work Scope, except where specifically identified and noted as non-conforming.

S. JAHY  
Date \_\_\_\_\_ Inspector's Signature \_\_\_\_\_

### D. FINAL INSPECTION & SIGN-OFF OF AERONAUTICAL PRODUCTS

ITEM	SERIAL NUMBER	ACCEPT YES/NO	NON-CONFORMANCES Non-Conformance Report #'s	ADDITIONAL REMARKS
1	49201-11	Y		
2	49201-12	Y		
3	49201-13	Y		

I hereby certify that I have inspected the aeronautical component parts manufactured under this Work Order and have found them to be in conformity to the Approved Design Data specified within the Work Scope, except where specifically identified and noted as non-conforming.

Date \_\_\_\_\_   
DAR or Inspector's Signature \_\_\_\_\_

Order Date: 28/10/04  
D / M / Y

W.O. Number # 2004-11  
Current yyyy - 000

## B. PARTS LIST

- Complete fabrication: This list may *not* be used as Final Inspection Record.
- Partial fabrication: This list may be used as Final Inspection Record.

Qty	Part No.	Description	Materials	Tracking Number	Final Inspection (Parts mfg only) Accept (A) Non-Conforming (NC)
2	49221-02	AFT BEAM	6061-T6 Alz. 3x1 BAR.	4066/4066	
4	36271-01	LEVER	304 S/S 0.125" Sheet	No #	
8	36272-01	BASKET BRACKET	4130 STEEL 0.050 Sheet	2019	
8	36273-01	LID BRACKET	"	2019	
4	36274-01	BUSHING	304 S/S 7/16" RAD BAR	2005	
4	36275-01	BUSHING	81.2502-0.0005 5/16" ROD	4049	
8	36275-02	SUPPORT	304 S/S. 5/16" ROD	2005	
4	36276-01	SPRING HOOK	6061-T6 Alz. 5/16" ROD	2009	
2	36277-01	HANDLE BAR	304 S/S 1.0x0.035	4050	
4	36278-01	SPRING		4028	
2	36280-01	BRACE		3029 .	
2	36204-00	PLACARD BRKT	1018 STEEL 0.032 Sheet	2019	
A/R	314-16	MESHT	MILD STEEL	4036	

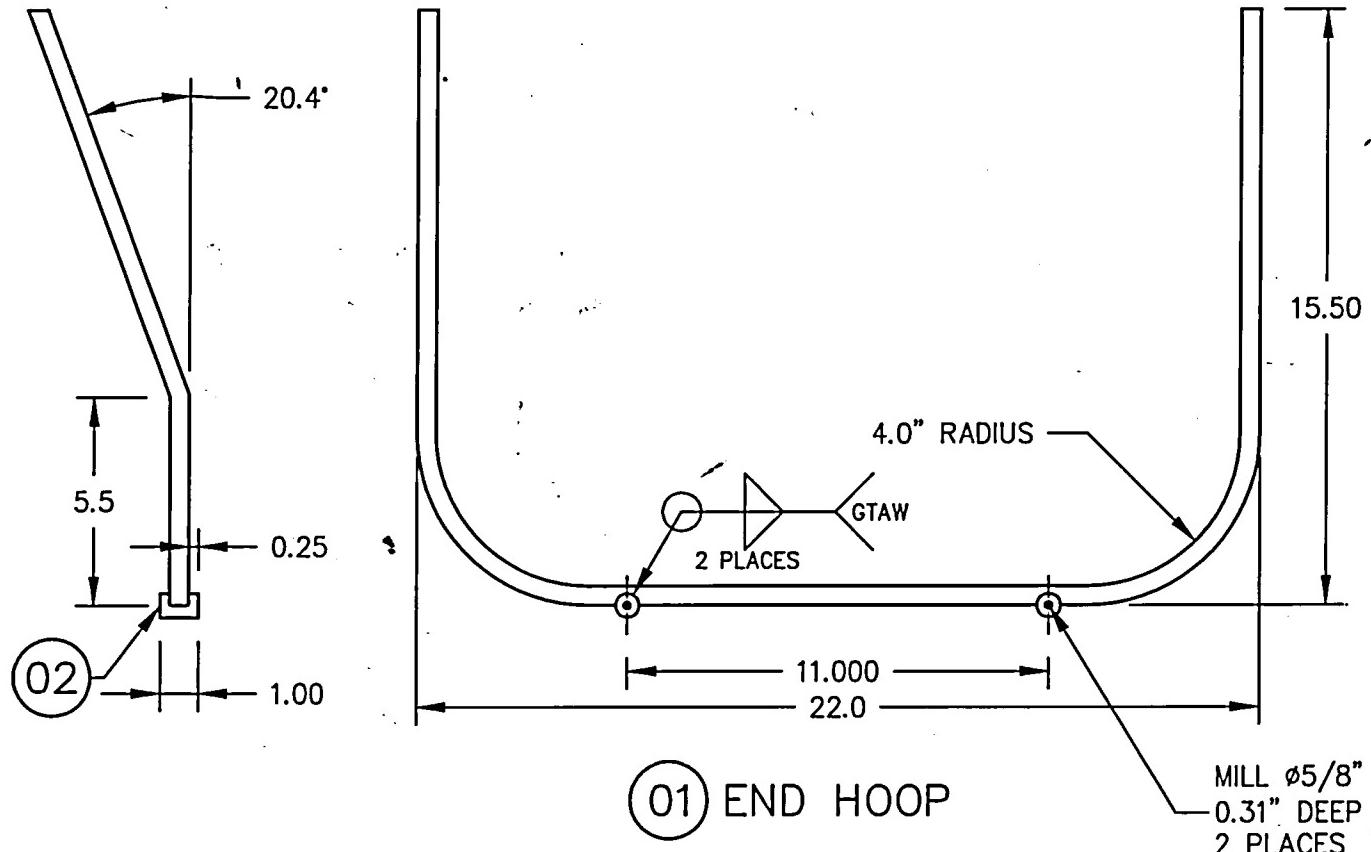
Notes: \_\_\_\_\_  
\_\_\_\_\_

## **DOCUMENT CONTROL LIST**

# DOCUMENT CONTROL LIST

DOCUMENT NO.	DOCUMENT CONTENT	REVISION
FABRICATION DOCUMENTS	(CONTINUED)	
36255 36261 36262 36271 36272 36273 36274 36275 36276 36277 36278 36280, Sheet 1 36280, Sheet 2	Handle Assembly Handle Bar Assembly Handle Bracket Assembly Handle Lever Basket Bracket Lid Bracket Bushing Bushing Spring Hook Handle Bar Spring Brace Brace	1 1 1 0 0 0 0 1 0 0 1 2 2
ENGINEERING DOCUMENTS		
ER606.01 ER606.02 ER606.03 ER492.01 ER492.02 ER493.01	Engineering Report – Basket Installation Engineering Report – Load Test Engineering Report – High Mounted Basket Engineering Report – Basket Installation Engineering Report – Basket Load Tests Engineering Report – External Attachment Prov.	0 0 0 0 0 0
APPROVAL:	ORIGINAL DATE:  2004  REVISION DATE:  	<p style="text-align: center;"><b>AERO DESIGN LTD.</b>          2013 – 39<sup>th</sup> Ave NE          Calgary, Alberta          T2E 6R7          Ph. (403) 250-8027          Fax. (403) 250-8333</p>
	SHEET 2 OF 2	<b>Bell 206L Series and 407 High Side-Mounted Cargo Basket Installation</b>
		Rev.  <b>DCL606-1</b> <b>0</b>

LIST OF MATERIALS						
QTY	PART NO.	ITEM	DESCRIPTION	MATERIAL	MATERIAL SPEC.	STOCK SIZE
01	60641-01	01	END HOOP	4130 STEEL COND. N	MIL-T-6736	1/2" SQR x 0.035 WALL
2	60644-01	02	LUG	1018 CARBON STEEL	ASTM A108	Ø5/8" ROD



NOTES:

1. REMOVE ALL BURRS AND SHARP EDGES.
2. DRILL 3/32" VENT HOLE IN BOTTOM OF HOOP FOR VENTING WELD GASES.

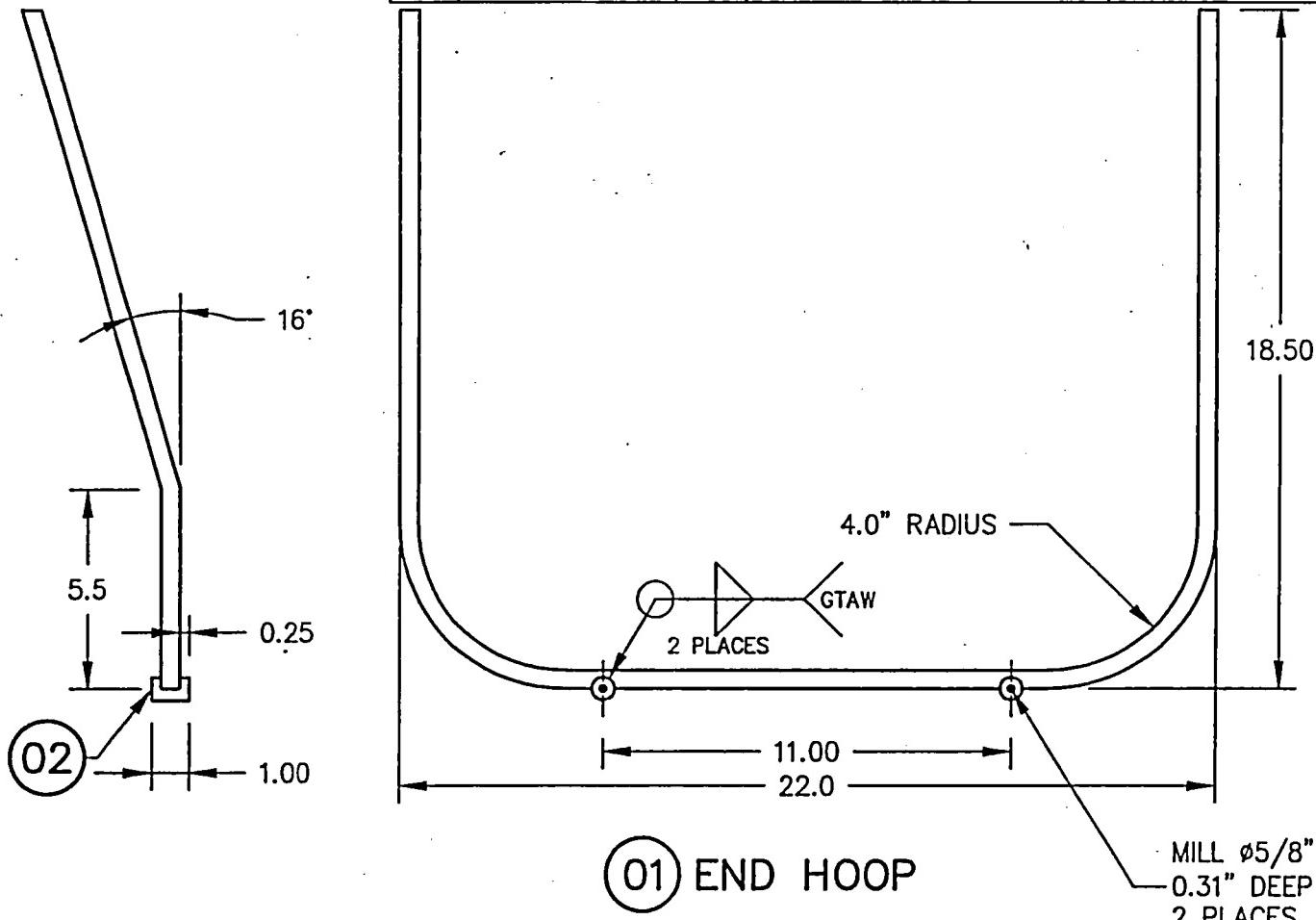
APPROVALS	DATE	<b>AERO DESIGN LTD.</b> CONSULTING ENGINEERS, TRANSPORT CANADA APPROVALS, DAR 290M 2013 - 39TH AVENUE N.E., CALGARY, ALBERTA, CANADA, T2E 6R7 tel: (403) 250-8027 fax: (403) 250-8333 <a href="mailto:aerodesign@telusplanet.net">aerodesign@telusplanet.net</a>		
DRAWN: JEFF CLARKE	12 AUG 2004			
CHECKED: E. BURGOIN				

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ON: DECIMALS                    ANGLES X.XXX ±0.010                ±1/2° X.XX ±0.03 X.X ±0.1			<b>BELL 407 AND 206L SERIES</b> <b>HIGH SIDE MOUNTED CARGO BASKET</b> <b>BASKET COMPONENTS - END HOOP</b>		
SCALE 1 : 5	DWG. SIZE	DWG. NO.	REV.		
SHEET 1 OF 1	A1	60641	0		

1	DESCRIPTION OF CHANGE	INITIALS	DATE
REV.			

**NOTICE**  
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LIST OF MATERIALS						
QTY	PART NO.	ITEM	DESCRIPTION	MATERIAL	MATERIAL SPEC.	STOCK SIZE
01	60641-01	01	END HOOP	4130 STEEL COND. N	MIL-T-6736	1/2" SQR x 0.035 WALL
2	60644-01	02	LUG	1018 CARBON STEEL	ASTM A108	5/8" ROD



NOTES:

1. REMOVE ALL BURRS AND SHARP EDGES.
2. DRILL 3/32" VENT HOLE IN BOTTOM OF HOOP FOR VENTING WELD GASES.

1	DESCRIPTION OF CHANGE	INITIALS	DATE
REV.			

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APPROVALS	DATE
DRAWN: JEFF CLARKE	12 AUG 2004
CHECKED: E. BURGOIN	

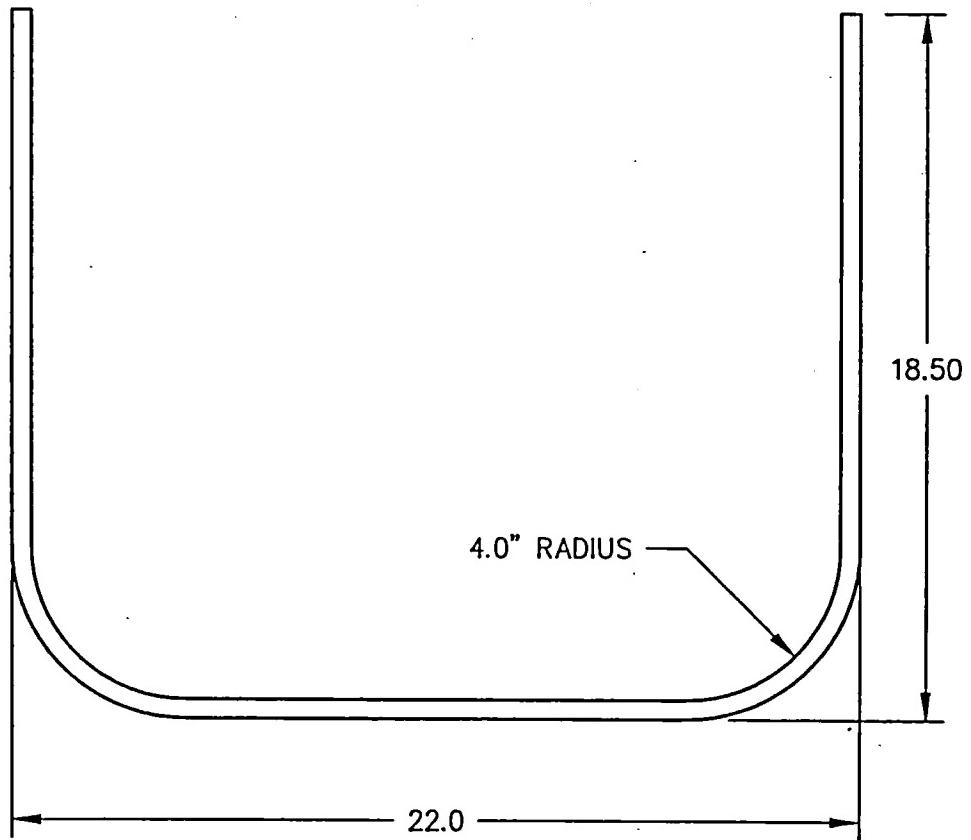
UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE IN INCHES.  
TOLERANCES ON:  
DECIMALS                    ANGLES  
X.XXX ±0.010              ±1/2°  
X.XX ±0.03  
X.X ±0.1

**AERO DESIGN LTD.**  
CONSULTING ENGINEERS, TRANSPORT CANADA APPROVALS, DAR 290M  
2013 - 39TH AVENUE N.E., CALGARY, ALBERTA, CANADA, T2E 6R7  
tel: (403) 250-8027       fax: (403) 250-8333       aerodesign@telusplanet.net

BELL 407 AND 206L SERIES  
HIGH SIDE MOUNTED CARGO BASKET  
BASKET COMPONENTS - END HOOP

SCALE 1 : 5	DWG. SIZE	DWG. NO.	REV.
SHEET 1 OF 1	A1	60641	0

LIST OF MATERIALS						
QTY	PART NO.	ITEM	DESCRIPTION	MATERIAL	MATERIAL SPEC.	STOCK SIZE
01	60648-01	01	ATTACHMENT HOOP	4130 STEEL COND. N	MIL-T-6736	1/2" SQR x 0.035 WALL



01 HOOP

NOTES:

1. REMOVE ALL BURRS AND SHARP EDGES.
2. DRILL 3/32" VENT HOLE IN BOTTOM OF HOOP FOR VENTING WELD GASES.

1	DESCRIPTION OF CHANGE	INITIALS	DATE
---	-----------------------	----------	------

NOTICE

THIS DRAWING CONTAINS INFORMATION AND DATA WHICH IS PROPRIETARY TO AERO DESIGN LTD. THIS DRAWING, OR ANY PORTION THEREOF, MAY NOT BE REPRODUCED, COPIED, OR DUPLICATED IN ANY MANNER, NOR USED FOR MANUFACTURING WITHOUT THE WRITTEN CONSENT OF AERO DESIGN LTD. BY ACCEPTING THIS DRAWING FOR REFERENCE, THE RECIPIENT AGREES TO HOLD AERO DESIGN LTD. HARMLESS FROM THE USE, OR MISUSE, OF THIS DRAWING OR THE INFORMATION CONTAINED THEREON.

APPROVALS	DATE
DRAWN: JEFF CLARKE	12 AUG 2004
CHECKED: E. BURGOIN	

UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE IN INCHES.  
TOLERANCES ON:  
DECIMALS                    ANGLES  
X.XXX ±0.010              ±1/2°  
X.XX ±0.03  
X.X ±0.1

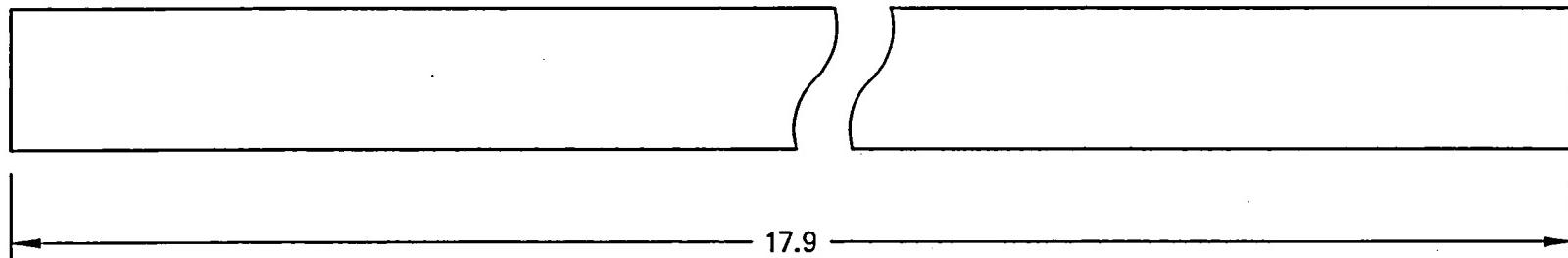
AERO DESIGN LTD.  
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2013 - 39TH AVENUE N.E., CALGARY, ALBERTA, CANADA, T2E 6R7  
tel: (403) 250-8027        fax: (403) 250-8333        aerodesign@telusplanet.net

BELL 407 AND 206L SERIES  
HIGH SIDE MOUNTED CARGO BASKET  
BASKET COMPONENTS - HOOP

SCALE 1 : 5	DWG. SIZE	DWG. NO.	REV.
SHEET 1 OF 1	A1	60648	0

## LIST OF MATERIALS

PART NO.	ITEM	DESCRIPTION	MATERIAL	MATERIAL SPEC.	STOCK SIZE
60649-01	01	STEP BRACE	4130 STEEL COND. N	MIL-T-6736	3/4" SQR x 0.035" WALL



## (01) STEP BRACE

## NOTES:

1. REMOVE ALL BURRS AND SHARP EDGES.
2. DRILL 3/32" VENT HOLE NEAR END FOR VENTING WELD GASES.

1			
REV.	DESCRIPTION OF CHANGE	INITIALS	DATE

NOTICE  
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APPROVALS	DATE
DRAWN: JEFF CLARKE	12 AUG 2004
CHECKED: E. BURGOIN	
STRESS:	

UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE IN INCHES  
TOLERANCES ON:

DECIMALS	ANGLES
X.XXX ±0.010	±1/2°
X.XX ±0.03	
X.X ±0.1	

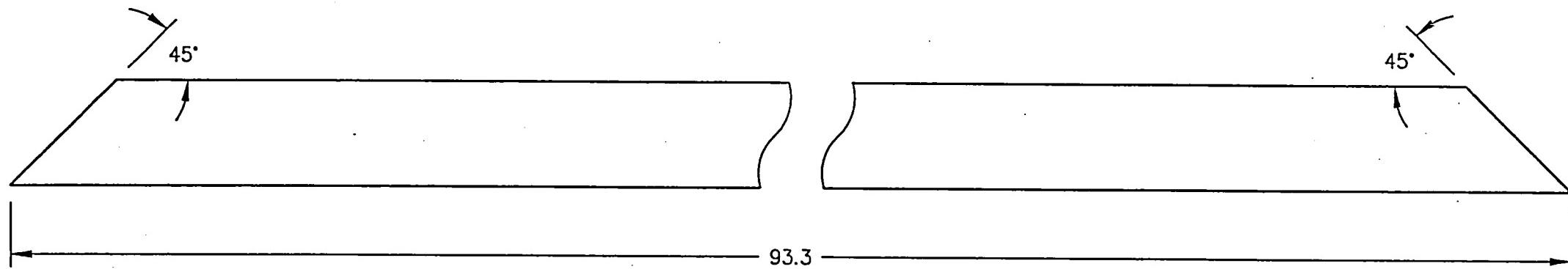
AERO DESIGN LTD.  
ENGINEERING CONSULTANTS  
1045 McTAVISH ROAD N.E.  
CALGARY, ALBERTA T2E 7G9

BELL 407, 206L SEREIS  
HIGH SIDE MOUNTED CARGO BASKET  
BASKET COMPONENTS - STEP BRACE

SCALE 1 : 1	DWG. SIZE	DWG. NO.	REV.
SHEET 1 OF 1	LGL	60649	0

## LIST OF MATERIALS

PART NO.	ITEM	DESCRIPTION	MATERIAL	MATERIAL SPEC.	STOCK SIZE
60640-01	01	RIM	4130 STEEL COND. N	MIL-T-6736	3/4" SQR x 0.035 WALL



(01) RIM

## NOTES:

1. REMOVE ALL BURRS AND SHARP EDGES.

1

REV.

DESCRIPTION OF CHANGE

INITIALS

DATE

NOTICE  
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APPROVALS	DATE
DRAWN: JEFF CLARKE	12 AUG 2004
CHECKED: E. BURGOIN	
STRESS:	

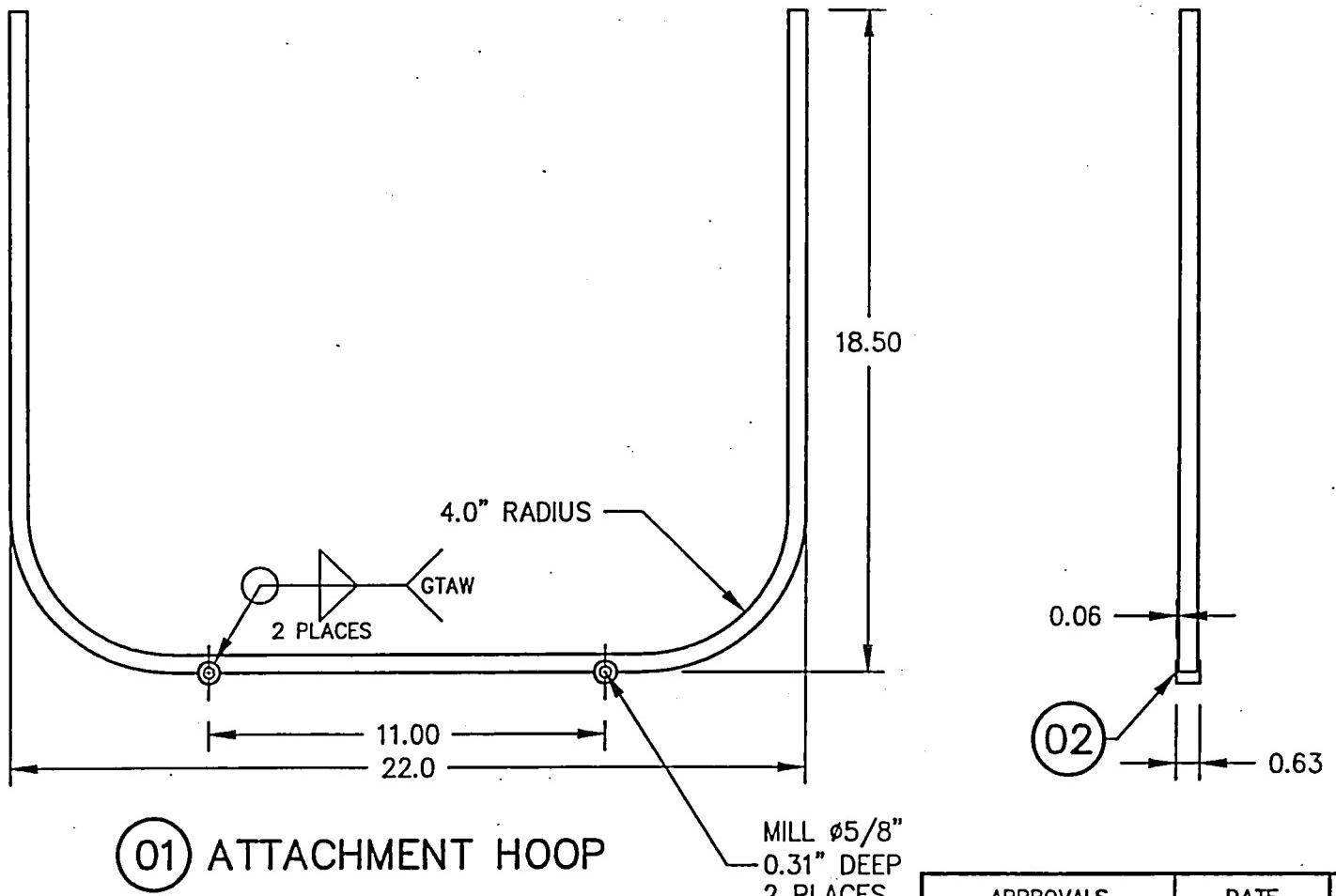
UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE IN INCHES  
TOLERANCES ON:  
DECIMALS                    ANGLES  
X.XXX ±0.010                ±1/2°  
X.XX ±0.03  
X.X ±0.1

AERO DESIGN LTD.

ENGINEERING CONSULTANTS  
1045 McTAVISH ROAD N.E.  
CALGARY, ALBERTA T2E 7G9BELL 407, 206L SERIES  
HIGH SIDE MOUNTED CARGO BASKET  
BASKET COMPONENTS - RIM

SCALE 1 : 1	DWG. SIZE	DWG. NO.	REV.
SHEET 1 OF 1	LGL	60640	0

QTY	LIST OF MATERIALS					
	PART NO.	ITEM	DESCRIPTION	MATERIAL	MATERIAL SPEC.	STOCK SIZE
01	60642-01	01	ATTACHMENT HOOP	4130 STEEL COND. N	MIL-T-6736	1/2" SQR x 0.035 WALL
2	60644-02	02	LUG	1018 CARBON STEEL	ASTM A108	Ø1/2" ROD



1	DESCRIPTION OF CHANGE	INITIALS	DATE
REV.			

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APPROVALS	DATE
DRAWN: JEFF CLARKE	12 AUG 2004
CHECKED: E. BURGOIN	

UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE IN INCHES.  
TOLERANCES ON:  
DECIMALS                    ANGLES  
X.XXX ±0.010              ±1/2°  
X.XX ±0.03  
X.X ±0.1

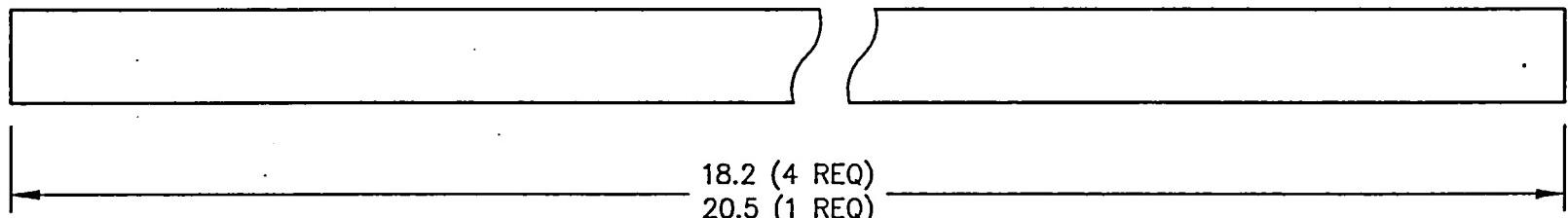
**AERO DESIGN LTD.**  
CONSULTING ENGINEERS, TRANSPORT CANADA APPROVALS, DAR 290M  
2013 - 39TH AVENUE N.E., CALGARY, ALBERTA, CANADA, T2E 6R7  
tel: (403) 250-8027 fax: (403) 250-8333 aerodesign@telusplanet.net

BELL 407 AND 206L SERIES  
HIGH SIDE MOUNTED CARGO BASKET  
BASKET COMPONENTS - ATTACHMENT HOOP

SCALE 1 : 5	DWG. SIZE	DWG. NO.	REV.
SHEET 1 OF 1	A1	60642	0

## LIST OF MATERIALS

PART NO.	ITEM	DESCRIPTION	MATERIAL	MATERIAL SPEC.	STOCK SIZE
60643-01	01	SPINE	4130 STEEL COND. N	MIL-T-6736	1/2" SQR x 0.035" WALL



01 SPINE

## NOTES:

1. REMOVE ALL BURRS AND SHARP EDGES.
2. DRILL 3/32" VENT HOLE NEAR END FOR VENTING WELD GASES.

1		
REV.	DESCRIPTION OF CHANGE	INITIALS DATE

NOTICE  
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APPROVALS	DATE
DRAWN: JEFF CLARKE	12 AUG 2004
CHECKED: E. BURGOIN	
STRESS:	

UNLESS OTHERWISE SPECIFIED  
 DIMENSIONS ARE IN INCHES  
 TOLERANCES ON:  
 DECIMALS                    ANGLES  
 X.XXX ±0.010              ±1/2°  
 X.XX ±0.03  
 X.X ±0.1

AERO DESIGN LTD.

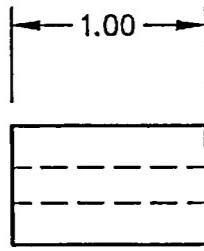
ENGINEERING CONSULTANTS  
 1045 McTAVISH ROAD N.E.  
 CALGARY, ALBERTA T2E 7G9

BELL 407, 206L SEREIS  
 HIGH SIDE MOUNTED CARGO BASKET  
 BASKET COMPONENTS - SPINE

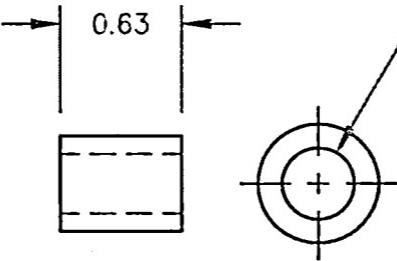
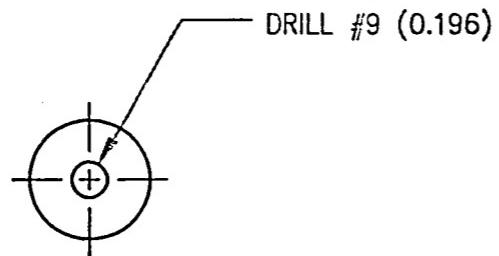
SCALE 1 : 1	DWG. SIZE	DWG. NO.	REV.
SHEET 1 OF 1	LGL	60643	0

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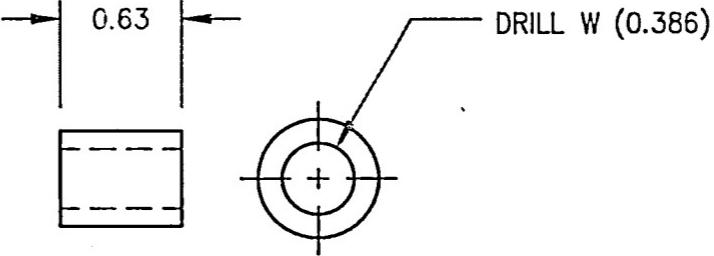
REV.	DESCRIPTION OF CHANGE	INITIALS	DATE
0	INITIAL ISSUE		



01 LUG



02 LUG



60644-02	02	LUG	1018 CARBON STEEL	ASTM A108	$\frac{5}{8}''$ ROD
60644-01	01	LUG	1018 CARBON STEEL	ASTM A108	$\frac{5}{8}''$ ROD
PART NO.	ITEM	DESCRIPTION	MATERIAL	MATERIAL SPEC	STOCK SIZE

LIST OF MATERIALS

	APPROVALS	DATE	AERO DESIGN LTD.		
	DRAWN: JEFF CLARKE	12 AUG 2004	CONSULTING ENGINEERS, TRANSPORT CANADA APPROVALS, DAR 290M 2013 - 39TH AVENUE N.E., CALGARY, ALBERTA, CANADA, T2E 6R7 tel: (403) 250-8027 fax: (403) 260-8333 <a href="mailto:aerodesign@telusplanet.net">aerodesign@telusplanet.net</a>		
	CHECKED: E. BURGOIN				
	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ON: DECIMALS                    ANGLES X.XXX $\pm 0.010$ $\pm 1/2^\circ$		BELL 407 AND 206L SERIES HIGH SIDE MOUNTED CARGO BASKET BASKET COMPONENTS - LUGS		
	SCALE 1 : 1	DWG. SIZE	DWG. NO.	REV.	
	SHEET 1 OF 1	LGL	60644	0	

AERO Design Ltd.  
2013 - 39<sup>th</sup> Ave. NE  
Calgary, AB, T2E 6R7

AUTHORIZED RELEASE CERTIFICATE

TRANSPORT CANADA  
TCCA 24-0078  
AMF # 73-04

Product: CARGO BASKET ASSEMBLY Part #: 49205-01

Approval #: 5100-48 Serial #: 49201-20

WO #: 2004-06 Quantity: \_\_\_\_\_

Eligibility: BELL 206L / 407 Work Status: Manufactured

Remarks: MODIFIED FOR LEFT OR RIGHT SIDE INSTALLATION

I hereby certify that the product identified above has been manufactured in accordance with the applicable design data and the Canadian Aviation Regulations or applicable foreign regulations.

Date

June 1 / 05

Inspector's Signature

Jeff Clark

# WORK ORDER

Order Date: 06/07/04  
D / M / Y

W.O. Number # 2004-06

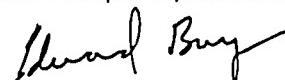
Current yyyy - 000

Customer Purchase Order: \_\_\_\_\_

NOTE: A new file must be opened for each work order and a unique sequential number assigned.

Expected Completion Date: \_\_\_\_\_

This Work Order is part of a set of Incorporated Documents referenced in the Quality Program Manual of AERO Design Ltd. as Process Control Forms. It has been developed in compliance with the quality records requirements of an Approved Manufacturing Facility of aeronautical parts and products under CARS PART V Chapter 61, and AWM Advisories 561/1, 2, 3A &4 effective January 1, 1986.

  
President, AERO Design Ltd.

## A. PREPARATION

### 1. Type Approval Authority

All work detailed in this Work Order is to be completed in accordance with:

Supplemental Type Certificate: SH00-48 Issue: 3

### 2. Scope of Work

#### a) Complete Product

Fabrication of 6 \$ Bell 206L/407 Cargo Basket  
Qty Item

Traceability: Serial Numbers: From # 49201-12 49201-18 AND 49201-14 to -18  
XXX-XXX XXX-XXX

Document Serial Numbers in this Work Order Section D - Final Inspection & Sign-Off of Aeronautical Products

Record Serial Numbers in Serial Number Control List [Form 010].

OR

#### b) Component Parts

Fabrication of component parts of \_\_\_\_\_  
as detailed in this Work Order Section B - Parts List.

Traceability: finished parts will be indelibly marked with this Work Order Number.

Notes: \_\_\_\_\_

Order Date: 06/07/04  
D / M / Y

W.O. Number # 2004-06  
Current yyyy - 000

**3. Work Order Package Preparation**

Document Control List for SH02-26 issue 3; DCL 492 Rev.4

Full set of new drawings for complete fabrication.

OR

Partial set of new drawings for parts fabrication:

Drawing List: \_\_\_\_\_

Notes: \_\_\_\_\_

Order Date: 06/07/04  
 D / M / Y

W.O. Number # 2004-06  
 Current yyyy - 000

## B. PARTS LIST

- Complete fabrication: This list may *not* be used as Final Inspection Record.
- Partial fabrication: This list may be used as Final Inspection Record.

Qty	Part No.	Description	Materials	Tracking Number	Final Inspection (Parts mfg only) Accept (A) Non-Conforming (NC)
	49210-01-01 12-01	TUBE	3/4 x 0.035 SAR	3016	✓
	49210-01-02 14-01	TUBE	1/2 x 0.035 SAR	98-014	✓
	49217-01	LUG	1018 5/8 RND BAR	951108	✓
	36275-01	BUSHING	304SS 5/16 RND BAR	4041	✓
	36275-02	SPACER	304 SS 5/16 RND BAR	971028	✓
	36276-01	SPRING HOLE	6061 AL 5/16 RND BAR.	2009	✓
	36274-01	BUSHING	304 SS. 3/16 x 0.065 RND TUBE	2005	✓
	36204-10	PLACARD BRACKET	4130 0.025 Sheet.	9506142	✓
	49220-01 14-01	MESH.	3/4-16F EXPANDED STEEL	4051	✓
	49215-01 14-01	SPACER	1018 1/2" RND BAR	950 112	✓
	36271-01	LEVER	304 S.S.	No #	✓
	36272-01	BASKET BRKT.	4130 Sheet	2019	✓
	36273-01	LIO BRKT	4130 Sheet	2019	✓
	36277-01	HANDLE BAR	304 S.S. 1.0 DIA	4050	✓
	36280-02	BRACE	VICTORIA BRITISH	3029	✓
	36204-10	PLACARD BRACKET	STEEL SHEET	2019	✓

Notes: \_\_\_\_\_  
 \_\_\_\_\_

Order Date: 06/07/04  
D / M / Y

W.O. Number # 2004-06  
Current yyyy - 000

### C. INSPECTION & SIGN-OFF OF COMPONENT PARTS & ASSEMBLIES

#### 1. Inspection of Welded Assemblies

I hereby certify that I have inspected the welding of the aeronautical parts and assemblies specified in this Work Order and have found it to be complete and conforming to the requirements specified in the Work Scope, except where specifically identified and noted as non-conforming.

17/12/2004



Welder's Signature

License #

#### 2. Inspection of Component Parts

I hereby certify that I have inspected the aeronautical component parts manufactured under this Work Order and have found them to be in conformity to the Approved Design Data specified within the Work Scope, except where specifically identified and noted as non-conforming.

Date

Inspector's Signature

### D. FINAL INSPECTION & SIGN-OFF OF AERONAUTICAL PRODUCTS

ITEM	SERIAL NUMBER	ACCEPT YES/NO	NON-CONFORMANCES Non-Conformance Report #'s	ADDITIONAL REMARKS
1				

I hereby certify that I have inspected the aeronautical component parts manufactured under this Work Order and have found them to be in conformity to the Approved Design Data specified within the Work Scope, except where specifically identified and noted as non-conforming.

Date

DAR or Inspector's Signature

# *JDL* Bell Cargo Baskets

# WORK ORDER

Order Date: 01 / 05 / 2004  
Day Month Year

W.O. Number # 2004-01

Current yyyy - 000

Customer Purchase Order: \_\_\_\_\_

NOTE: A new file must be opened for each work order and a unique sequential number assigned.

Expected Completion Date: \_\_\_\_\_

This Work Order is part of a set of Incorporated Documents referenced in the Quality Program Manual of AERO Design Ltd. as Process Control Forms. It has been developed in compliance with the quality records requirements of an Approved Manufacturing Facility of aeronautical parts and products under CARS PART V Chapter 61, and AWM Advisories 561/1, 2, 3A &4 effective January 1, 1986.

*Edward Bury*  
President, AERO Design Ltd.

## A. PREPARATION

### 1. Type Approval Authority

All work detailed in this Work Order is to be completed in accordance with:

Supplemental Type Certificate: SH00-48 Issue:2

### 2. Scope of Work

#### a) Complete Product

Fabrication of 2, Cargo Baskets

Qty \_\_\_\_\_ Item \_\_\_\_\_

Traceability: Serial Numbers: From # 492-09 To # 492-10

xxx-xxx xxx-xxx

Document Serial Numbers in this Work Order Section D - Final Inspection & Sign-Off of Aeronautical Products

Record Serial Numbers in Serial Number Control List [Form 010].

OR

#### b) Component Parts

Fabrication of component parts of \_\_\_\_\_ as detailed in this Work Order Section B - Parts List.

Traceability: finished parts will be indelibly marked with this Work Order Number.

Notes: \_\_\_\_\_

\_\_\_\_\_

Order Date: 01 / 05 / 2004  
Day      Month      Year

W.O. Number # 2004-01  
Current yyyy - 000

3. Work Order Package Preparation

- Document Control List for SH00-48 at correct issue: DCL 492 Rev.2
- Full set of new drawings for complete fabrication.

OR

- Partial set of new drawings for parts fabrication:

Drawing List: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Notes: \_\_\_\_\_  
\_\_\_\_\_

# Bell Cargo Baskets

# WORK ORDER

Order Date: 01 / 05 / 2004  
 Day      Month      Year

W.O. Number # 2004-01  
 Current yyyy - 000

## B. PARTS LIST

Complete fabrication: This list may *not* be used as Final Inspection Record.

Partial fabrication: This list may be used as Final Inspection Record.

Qty	Part No.	Description	Materials	Tracking Number PO# for raw stock WO# for finished component parts	Final Inspection	
					(Parts mfg only)	Accept (A) Non-Conforming (NC)
2	49210-01	End Hoop	4130 Square Tubing	9506142		✓
3	49210-02	Hoop	4130 Square Tubing	9506142		✓
2	49211-01	Rim	4130 Square Tubing	3016		✓
2	49212-01	Rim	4130 Square Tubing	3016	J.C. (#2)	✓
3	49213-01	Lid Brace	4130 Square Tubing	3016	✓	✓
4	49214-01	Spine	4130 Square Tubing	9506142		✓
1	49215-01	Spacer	Mild Steel	950112		✓
1	49216-01	Spacer	Mild Steel	950112		✓
4	49217-01	Lug	Mild Steel	951108	N.C (#1)	
2	36271-01	Lever	AISI 304 Stainless	NOT H		✓
4	36272-01	Basket Bracket	AISI 4130 Cond. N	2019		✓
4	36273-01	Lid Bracket	AISI 4130 Cond. N	2019		✓
6	36274-01	Bushing	AISI 304 Stainless	2005		✓
2	36275-01	Bushing	AISI 304 Stainless	2005		✓
2	36276-01	Spring Hook	6061 Aluminum	2009		✓
1	36277-01	Handle Bar	AISI 316 Stainless	3015		✓
2	36278-01	Spring	Music Wire (Loyalty Metal Factory)	4028		✓
1	36280-02	Brace	Victoria British	3029		✓
1	49221-01	Aft Beam	6061-T651 Aluminum Bar	2015		✓
1	49221-02	Forward Beam	6061-T651 Aluminum Bar	2015		✓
1	49221-01 & 49221-02	Beams - Partial Fabrication	Laser Equations Inc.	2015		

# Bell Cargo Baskets

# WORK ORDER

Order Date: 01 / 05 / 2004  
 Day Month Year

W.O. Number # 2004-01  
 Current yyyy - 000

Qty	Part No.	Description	Materials	Tracking Number PO# for raw stock WO# for finished component parts	Final Inspection (Parts mfg only) Accept (A) Non-Conforming (NC)
1	36204-10	Placard Bracket	Steel sheet	2019	✓
1	49218	Placard	3M Scotchcal	3012	—
A/R	¾-16	Mesh	Mild Steel	2004	✓
1	MS20001-4	Hinge	Aluminum	2010	—
3	-	Bumper	Rubber		✓
Landing Gear Fittings Included					
2	49311-01	Fwd Gear Ftg.	3" 6061-T6 Plate	2018	✓
2	49312-01	Aft Gear Ftg.	3" 6061-T6 Plate	2018	✓
4	49311-01 & 49312-01	Fittings - Partial Fabrication	Horton Precision Machining	2020	—
Fasteners and Hardware					
4	AN6-17A	Bolt		3032	✓
4	AN4-24A	Bolt		2014	✓
1	AN3-17A	Bolt		2013	✓
1	AN3-15A	Bolt		2014	✓
6	AN3-14A	Bolt		2014	✓
1	AN3-4A	Bolt		3007	✓
4	AN960-616L	Washer		2014	✓
8	AN960-416L	Washer		2014	✓
7	AN960-10	Washer		3001	✓
12	AN960PD10	Washer		2014	✓
1	AN960JD10L	Washer		2014	✓
2	AN970-3	Washer		3007	✓
4	MS21044N4	Nut		2014	✓
9	MS21044N3	Nut		2014	✓
A/R	CR3213-4	Rivet		3013	✓

# Bell Cargo Baskets

## WORK ORDER

**Order Date:** 01 / 05 / 2004  
Day Month Year

W.O. Number # 2004-01

Current yyyy – 000

**Notes:** \_\_\_\_\_

Order Date: 01 / 05 / 2004  
Day Month YearW.O. Number # 2004-01  
Current yyyy - 000**C. INSPECTION & SIGN-OFF OF COMPONENT PARTS & ASSEMBLIES****1. Inspection of Welded Assemblies**

I hereby certify that I have inspected the welding of the aeronautical parts and assemblies specified in this Work Order and have found it to be complete and conformity to the requirements specified in the Work Scope, except where specifically identified and noted as non-conforming.

31/05/2004

Date

Welder's Signature

License #

**2. Inspection of Component Parts**

I hereby certify that I have inspected the aeronautical component parts manufactured under this Work Order and have found them to be in conformity to the Approved Design Data specified within the Work Scope, except where specifically identified and noted as non-conforming.

\_\_\_\_\_  
Date\_\_\_\_\_  
Inspector's Signature**D. FINAL INSPECTION & SIGN-OFF OF AERONAUTICAL PRODUCTS**

ITEM	SERIAL NUMBER	ACCEPT YES/NO	NON-CONFORMANCES Non-Conformance Report #'s	ADDITIONAL REMARKS
1	49201-09			
2	49201-10			

I hereby certify that I have inspected the aeronautical component parts manufactured under this Work Order and have found them to be in conformity to the Approved Design Data specified within the Work Scope, except where specifically identified and noted as non-conforming.

\_\_\_\_\_  
Date\_\_\_\_\_  
DAR or Inspector's Signature

# NON-CONFORMANCE REPORT

Date: 01 /05 /2004  
Day Month Year

W.O. Number # 2004-001  
Current yyyy - 000

/NC 01  
000

## INSTRUCTIONS

1. Only a Design Approval Representative (DAR) is authorized to make a determination as to the regulatory impact of each non-conformance. A DAR must sign-off each non-conformance identified below before any further action can be taken.
2. A separate form must be completed for EACH serialized finished product with an identified non-conformance.
3. Batched parts sharing the same non-conformance can be grouped on one form.
4. Print additional copies of this page as necessary to document all non-conformances and follow-up. ATTACH ALL NON-COMFORMANCE FORMS TO THE ORIGINAL WORK ORDER.

## DETERMINATION & ACTION

1. Product Name: Bell Cargo Basket
2. Product Serial Number: 49201-09, 49201-10, -11 on w/o 2004-11 OR  
-12-16 on w/o 2004-06
3. Batched Parts Item Number on WO: \_\_\_\_\_
4. Description of Non-Conformance (Attach additional page, photos, sketches if desired):  
LUGS SHOTENED TO MAKE BASKET  
FIT 407 OR 206L
5. DAR Determination:  
 Scrap  
 Acceptable for release for the following reason(s):  
DESIGN CHANGE (DWG 49208 REV. 1)  
 Re-Work instructions: + (DWG) 49209 REV. 1

MAY 1 /04

Date DAR or Inspector's Signature

## RE-WORK INSPECTION & CERTIFICATION

I hereby certify that I have performed inspections on each of the above-named aeronautical product/part(s) and have found them to be in conformity to the Approved Design Data specified within the Scope of this Work Order, except where non-conformances have been specifically noted.

Date

DAR or Inspector's Signature

# NON-CONFORMANCE REPORT

Date: 01 /05 /2004  
Day Month Year

W.O. Number # 2004-001  
Current yyyy - 000

/INC 02  
000

## INSTRUCTIONS

1. Only a Design Approval Representative (DAR) is authorized to make a determination as to the regulatory impact of each non-conformance. A DAR must sign-off each non-conformance identified below before any further action can be taken.
2. A separate form must be completed for EACH serialized finished product with an identified non-conformance.
3. Batched parts sharing the same non-conformance can be grouped on one form.
4. Print additional copies of this page as necessary to document all non-conformances and follow-up. ATTACH ALL NON-COMFORMANCE FORMS TO THE ORIGINAL WORK ORDER.

## DETERMINATION & ACTION

1. Product Name: Bell Cargo Basket
2. Product Serial Number: 49201-09, 49201-10, -11 w/o sign off OR -12 w/o sign off
3. Batched Parts Item Number on WO: \_\_\_\_\_
4. Description of Non-Conformance (Attach additional page, photos, sketches if desired):  
3/4" TUBE USED ON LID INSTEAD OF 1/2"
5. DAR Determination:  
 Scrap  
 Acceptable for release for the following reason(s):  
DESIGN CHANGE (DWG 49207 REV. 1)  
 Re-Work instructions:

MAY 11/04  
Date

DAR or Inspector's Signature

## RE-WORK INSPECTION & CERTIFICATION

I hereby certify that I have performed inspections on each of the above-named aeronautical product/part(s) and have found them to be in conformity to the Approved Design Data specified within the Scope of this Work Order, except where non-conformances have been specifically noted.

Date

DAR or Inspector's Signature

# NON-CONFORMANCE REPORT

Date: 01 /05 /2004  
Day Month Year

W.O. Number # 2004-001  
Current yyyy - 000

/NC 03  
000

## INSTRUCTIONS

1. Only a Design Approval Representative (DAR) is authorized to make a determination as to the regulatory impact of each non-conformance. A DAR must sign-off each non-conformance identified below before any further action can be taken.
2. A separate form must be completed for EACH serialized finished product with an identified non-conformance.
3. Batched parts sharing the same non-conformance can be grouped on one form.
4. Print additional copies of this page as necessary to document all non-conformances and follow-up. ATTACH ALL NON-COMFORMANCE FORMS TO THE ORIGINAL WORK ORDER.

## DETERMINATION & ACTION

1. Product Name: Bell Cargo Basket
2. Product Serial Number: 49201-09, 49201-10, 49201-11, 49201-12 OR 49201-13
3. Batched Parts Item Number on WO: \_\_\_\_\_
4. Description of Non-Conformance (Attach additional page, photos, sketches if desired):  
HANDLE BRACKETS ON LID SHOWN IN WRONG LOCATION (DWG 49207 REV. 0)
5. DAR Determination:  
 Scrap  
 Acceptable for release for the following reason(s):  
CORRECT DWG 1AW DWG 36255  
 Re-Work instructions:

MAY 1/04

DAR or Inspector's Signature

## RE-WORK INSPECTION & CERTIFICATION

I hereby certify that I have performed inspections on each of the above-named aeronautical product/part(s) and have found them to be in conformity to the Approved Design Data specified within the Scope of this Work Order, except where non-conformances have been specifically noted.

Date

DAR or Inspector's Signature

# NON-CONFORMANCE REPORT

Date: 01 /05 /2004  
Day Month Year

W.O. Number # 2004-001  
Current yyyy - 000

/INC 04  
000

## INSTRUCTIONS

1. Only a Design Approval Representative (DAR) is authorized to make a determination as to the regulatory impact of each non-conformance. A DAR must sign-off each non-conformance identified below before any further action can be taken.
2. A separate form must be completed for EACH serialized finished product with an identified non-conformance.
3. Batched parts sharing the same non-conformance can be grouped on one form.
4. Print additional copies of this page as necessary to document all non-conformances and follow-up. ATTACH ALL NON-COMFORMANCE FORMS TO THE ORIGINAL WORK ORDER.

## DETERMINATION & ACTION

1. Product Name: Bell Cargo Basket
2. Product Serial Number: 49201-09, 49201-10, ~~# 49201-11~~ OR ~~# 49201-16 and 49201-06~~
3. Batched Parts Item Number on WO: \_\_\_\_\_
4. Description of Non-Conformance (Attach additional page, photos, sketches if desired):  
BUMPERS ATTACHED TO RIM INSTEAD OF  
RUBBER PADS (DWG 49205-13)
5. DAR Determination:  
 Scrap  
 Acceptable for release for the following reason(s):  
DESIGN CHANGE (DWG 49205 REV 1)  
 Re-Work instructions:

MAY 1 /04

Date

DAR or Inspector's Signature

## RE-WORK INSPECTION & CERTIFICATION

I hereby certify that I have performed inspections on each of the above-named aeronautical product/part(s) and have found them to be in conformity to the Approved Design Data specified within the Scope of this Work Order, except where non-conformances have been specifically noted.

Date

DAR or Inspector's Signature

AERO Design Ltd.  
2013 - 39<sup>th</sup> Ave. NE  
Calgary, AB, T2E 6R7

AUTHORIZED RELEASE CERTIFICATE

TRANSPORT CANADA  
TCCA 24-0078  
AMF # 73-04

Product: CARGO BASKET Part #: 49201-01  
Approval #: SH 00-48 Serial #: 49201-09410  
WO #: 2004-01 Quantity: 2  
Eligibility: 206L Work Status: Manufactured  
Remarks:

I hereby certify that the product identified above has been manufactured in accordance with the applicable design data and the Canadian Aviation Regulations or applicable foreign regulations.

MAY 31/04

Inspector's Signature

AERO Design Ltd.  
2013 - 39<sup>th</sup> Ave. NE  
Calgary, AB, T2E 6R7

AUTHORIZED RELEASE CERTIFICATE

TRANSPORT CANADA  
TCCA 24-0078  
AMF # 73-04

Product: L/GEAR FITTINGS Part #: 49301 /49302  
Approval #: SH 00-48 Serial #: n/a  
WO #: 2004-01 Quantity: 4 + 4  
Eligibility: 206L Work Status: Manufactured

Remarks:

I hereby certify that the product identified above has been manufactured in accordance with the applicable design data and the Canadian Aviation Regulations or applicable foreign regulations.

MAY 31/04

Inspector's Signature

AERO Design Ltd.  
2013 - 39<sup>th</sup> Ave. NE  
Calgary, AB, T2E 6R7

AUTHORIZED RELEASE CERTIFICATE

TRANSPORT CANADA  
TCCA 24-0078  
AMF # 73-04

Product: BEAMS Part #: 49221-01/-02  
Approval #: SH 00-48 Serial #: n/a  
WO #: 2004-01 Quantity: 2 + 2  
Eligibility: 206L Work Status: Manufactured

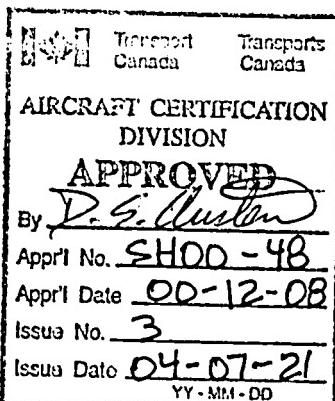
Remarks:

I hereby certify that the product identified above has been manufactured in accordance with the applicable design data and the Canadian Aviation Regulations or applicable foreign regulations.

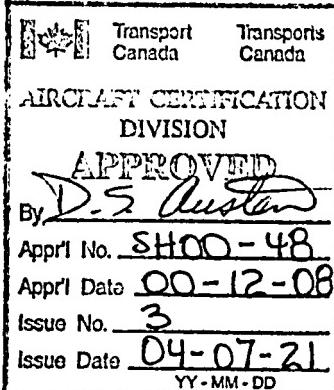
MAY 31/04

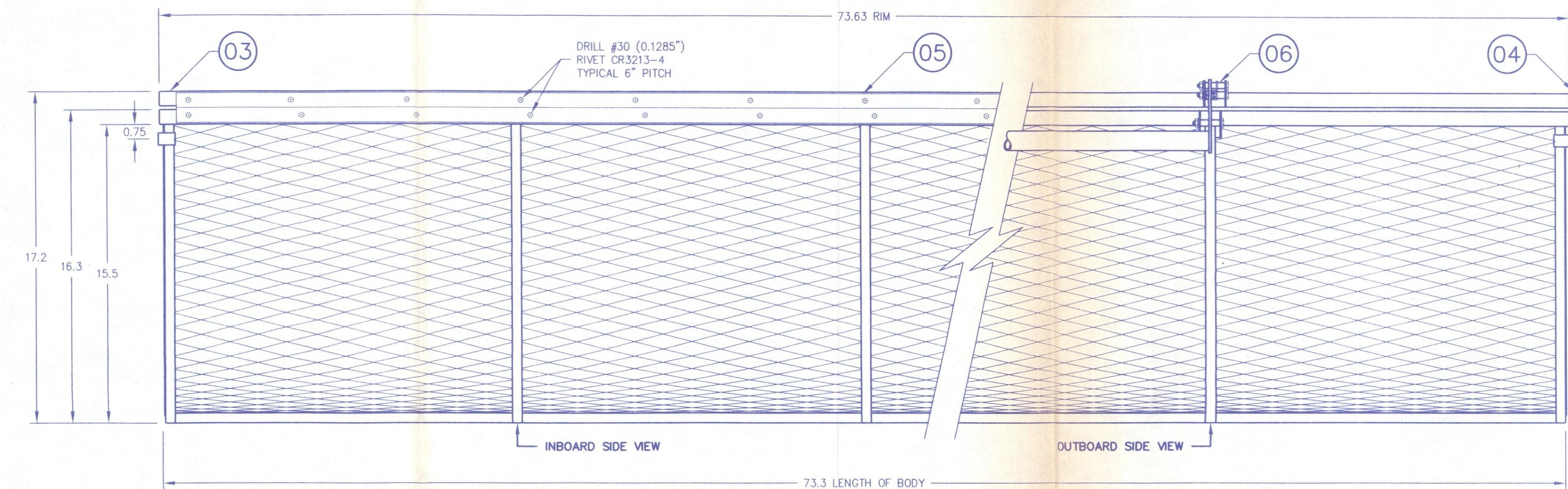
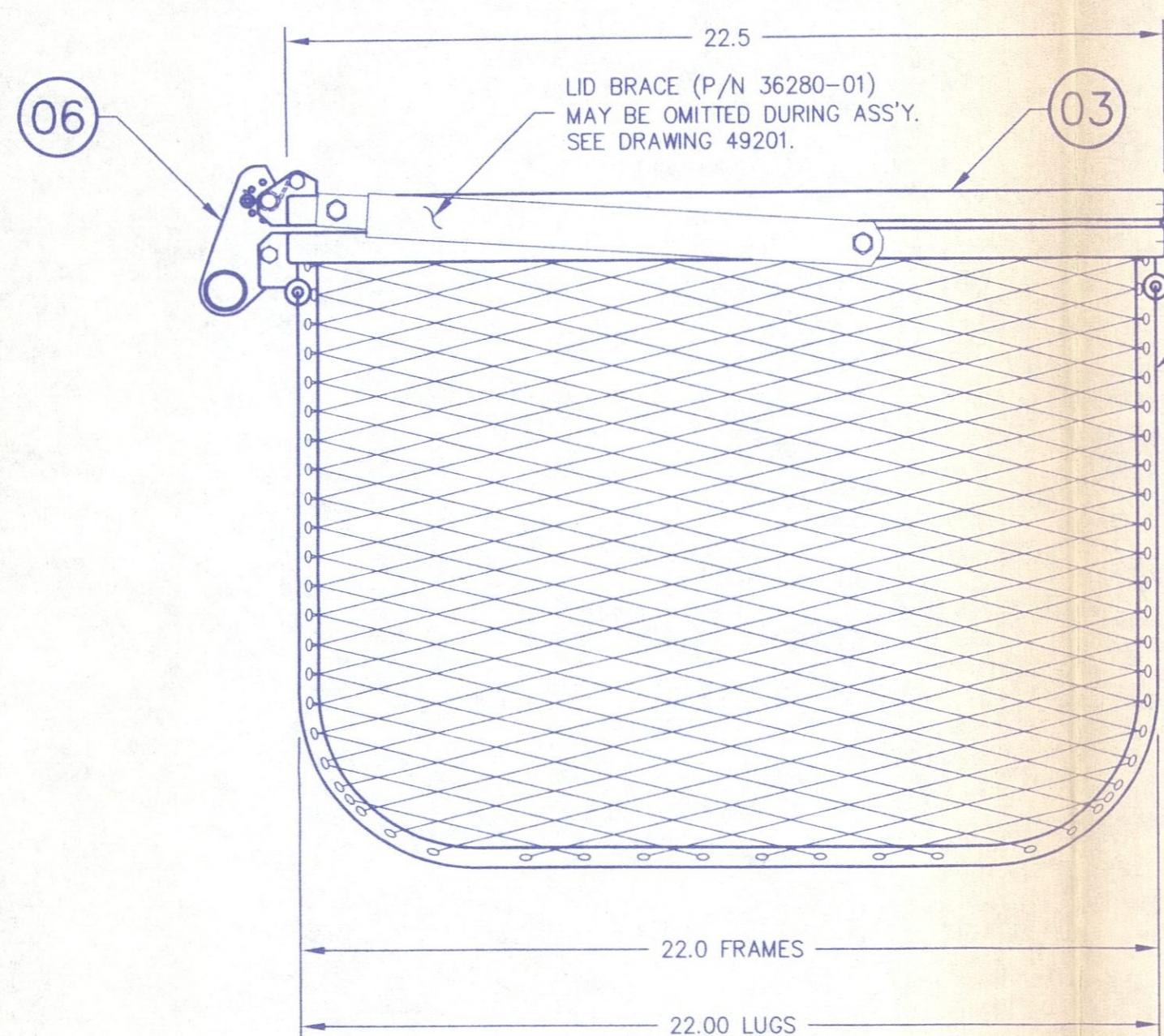
Inspector's Signature

# DOCUMENT CONTROL LIST

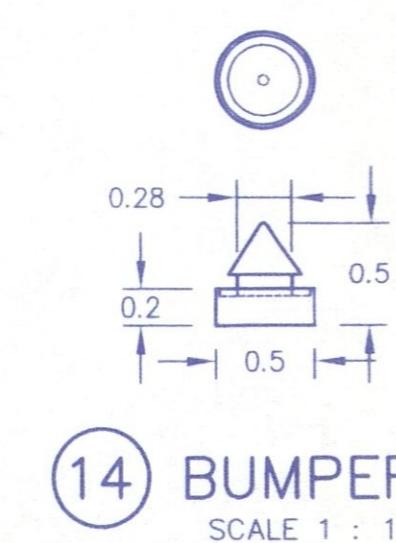
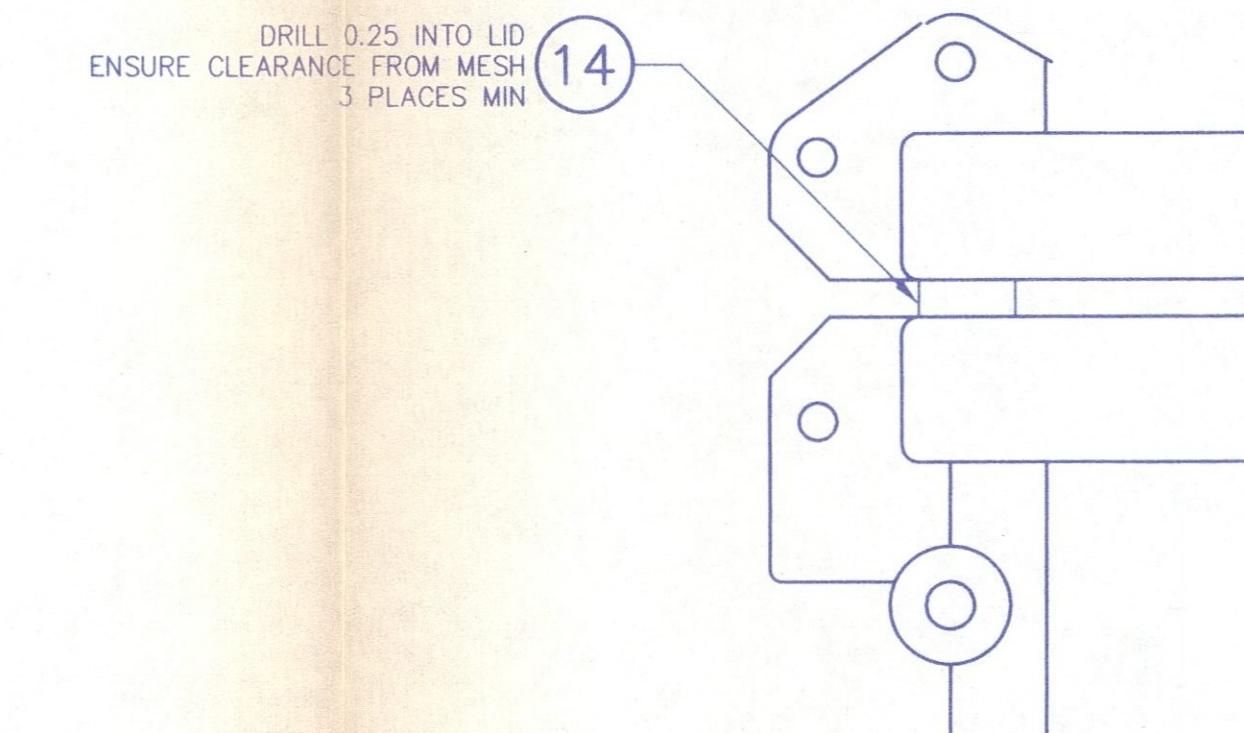
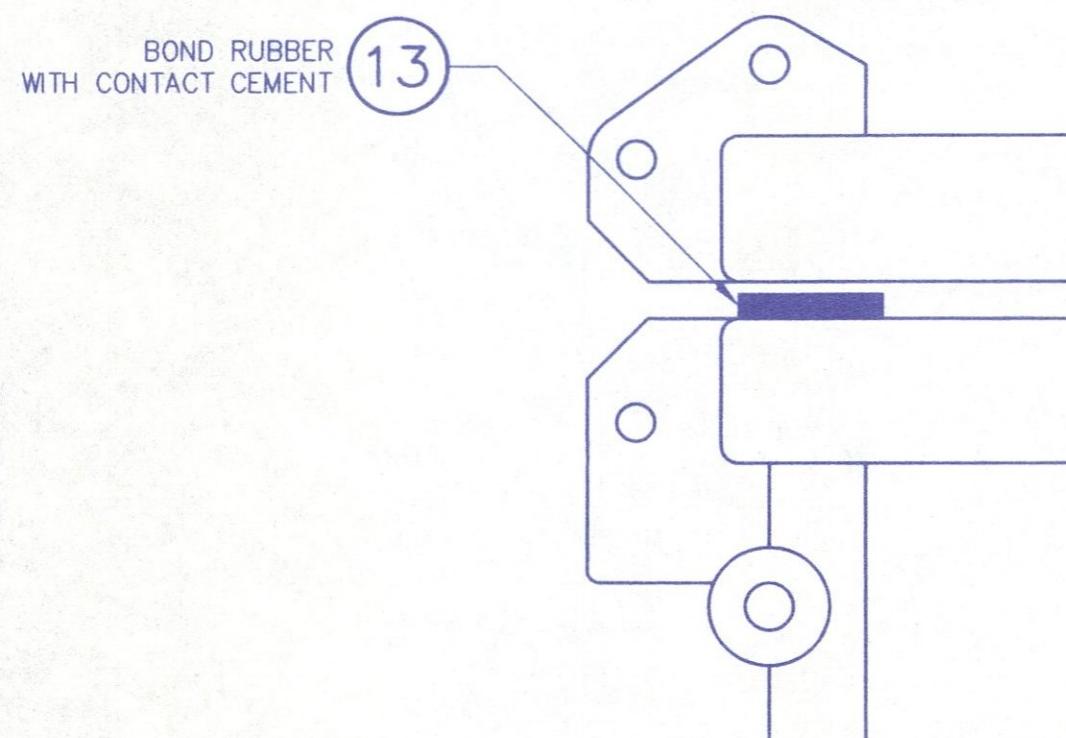
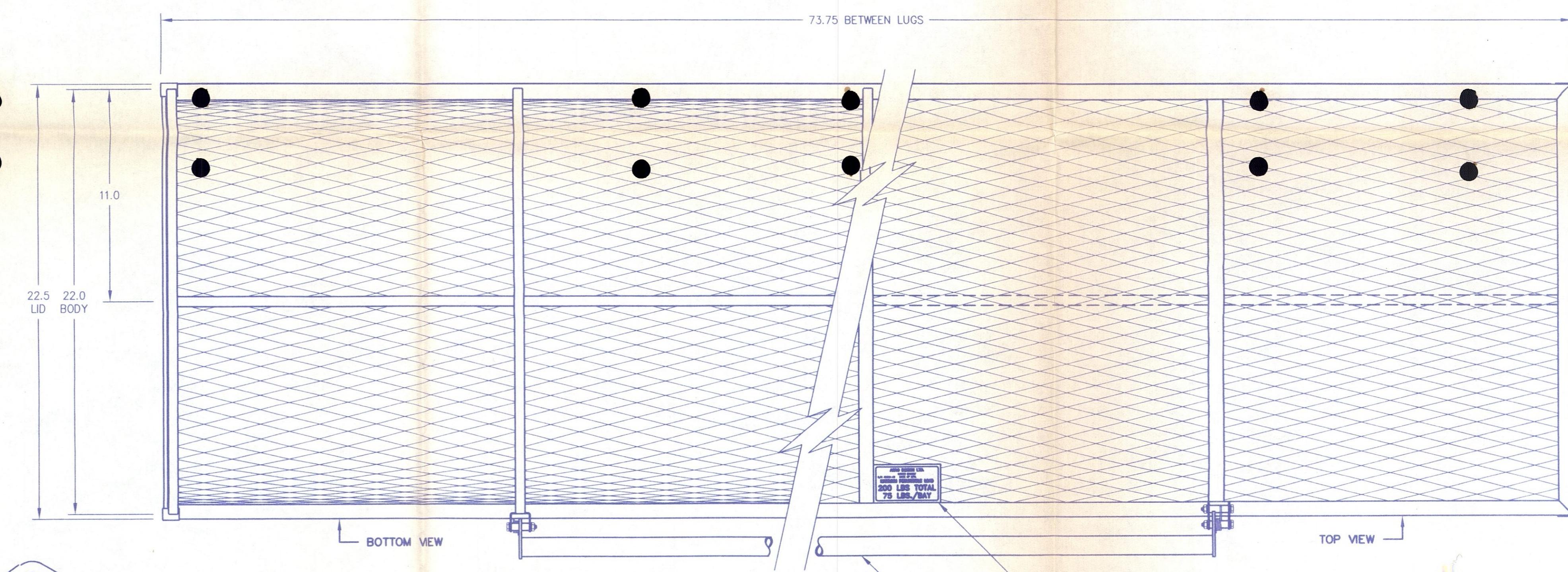
DOCUMENT NO.	DOCUMENT CONTENT	REVISION
<b>INSTALLATION DOCUMENTS</b>		
60601 60602 FMS606.01 MI606.01	Cargo Basket Installation External Attachment Provisions Installation Flight Manual Supplement Maintenance Instructions	0 0 0 2
<b>FABRICATION DOCUMENTS</b>		
60620 60621 60622 60624 49205 49207 49208 49209 49210 49211 49212 49213 49214 49215 49216 49217 49218 49219 49221 36255 36261 36262 36271 36272 36273 36274 36275 36276 36277 36278 36280, Sheet 1 36280, Sheet 2	Block Fabrication Forward Fitting Fabrication Barrel Nut Fabrication Barrel Nut Fabrication Cargo Basket Assembly Cargo Basket Lid Cargo Basket Body End Hoop Assembly Basket Components - Hoops Basket Components - Rim Basket Components - Rim Basket Components - Lid Brace Basket Components - Spine Basket Components - Spacer Basket Components - Spacer Basket Components - Lug Placard Spacer Support Beams Handle Assembly Handle Bar Assembly Handle Bracket Assembly Handle Lever Basket Bracket Lid Bracket Bushing Bushing Spring Hook Handle Bar Spring Brace Brace	0 0 0 0 1 1 1 1 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 0 1 1 0 0 1 1 0 1 1 2 2
<b>ENGINEERING DOCUMENTS</b>		
ER606.01 ER606.02 ER492.01 ER492.02 ER493.01	Engineering Report - Basket Installation Engineering Report - Load Test Engineering Report - Basket Installation Engineering Report - Basket Load Tests Engineering Report - External Attachment Prov.	0 0 0 0 0
<b>APPROVAL:</b>		
 <p>By <u>D. G. Clouston</u>          App'l No. <u>SH00-48</u>          App'l Date <u>00-12-08</u>          Issue No. <u>3</u>          Issue Date <u>04-07-21</u>  <small>YY-MM-DD</small> </p>	ORIGINAL DATE: 31 May, 2004  REVISION DATE: 20 July, 2004	<p style="text-align: center;"><b>AERO DESIGN LTD.</b>          2013 - 39<sup>th</sup> Avenue N.E.          Calgary, Alberta          T2E 6R7          Ph. (403) 250-8027          Fax. (403) 250-8333</p> <p style="text-align: center;"><b>BELL 407</b>  <b>Side-Mounted Cargo Basket</b>  <b>Installation</b></p> <p style="text-align: right;">Rev. <b>1</b></p> <p style="text-align: center;"><b>DCL606</b></p>

# DOCUMENT CONTROL LIST

DOCUMENT NO.	DOCUMENT CONTENT	REVISION
<b>INSTALLATION DOCUMENTS</b>		
49201 FMS492.01 MI492.01	Cargo Basket Installation Flight Manual Supplement Maintenance Instructions	1 1 3
<b>FABRICATION DOCUMENTS</b>		
49205 49207 49208 49209 49210 49211 49212 49213 49214 49215 49216 49217 49218 49219 49221 36255 36261 36262 36271 36272 36273 36274 36275 36276 36277 36278 36280, Sheet 1 36280, Sheet 2	Cargo Basket Assembly Cargo Basket Lid Cargo Basket Body End Hoop Assembly Basket Components - Hoops Basket Components - Rim Basket Components - Rim Basket Components - Lid Brace Basket Components - Spine Basket Components - Spacer Basket Components - Spacer Basket Components - Lug Placard Spacer Support Beams Handle Assembly Handle Bar Assembly Handle Bracket Assembly Handle Lever Basket Bracket Lid Bracket Bushing Bushing Spring Hook Handle Bar Spring Brace Brace	1 1 1 1 1 1 0 1 0 0 0 1 1 1 1 0 0 0 1 1 0 0 0 1 2 2
<b>ENGINEERING DOCUMENTS</b>		
ER492.01 ER492.02	Engineering Report - Basket Installation Engineering Report - Basket Load Tests	0 0
<b>APPROVAL:</b>		
 <p>Transport Canada AIRCRAFT CERTIFICATION DIVISION <b>APPROVED</b> By <i>D.S. Austin</i> Appl No. <u>S400-48</u> Appl Date <u>00-12-08</u> Issue No. <u>3</u> Issue Date <u>04-07-21</u> YY-MM-DD</p>	ORIGINAL DATE: 17 May, 2002 REVISION DATE: 20 July, 2004	<b>AERO DESIGN LTD.</b> 2013 - 39 <sup>th</sup> Ave. NE Calgary, Alberta T2E 6R7 Ph. (403) 250-8027 Fax. (403) 250-8333
	SHEET 1 OF 1	<b>BELL 206L SERIES</b> Side-Mounted Cargo Basket Installation
		Rev. <b>4</b>
	<b>DCL492</b>	



NOTE:  
1. ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY. DIMENSIONS OF COMPONENTS AND COMPLETE ASSEMBLY ARE DETERMINED IN PREVIOUS STEPS.



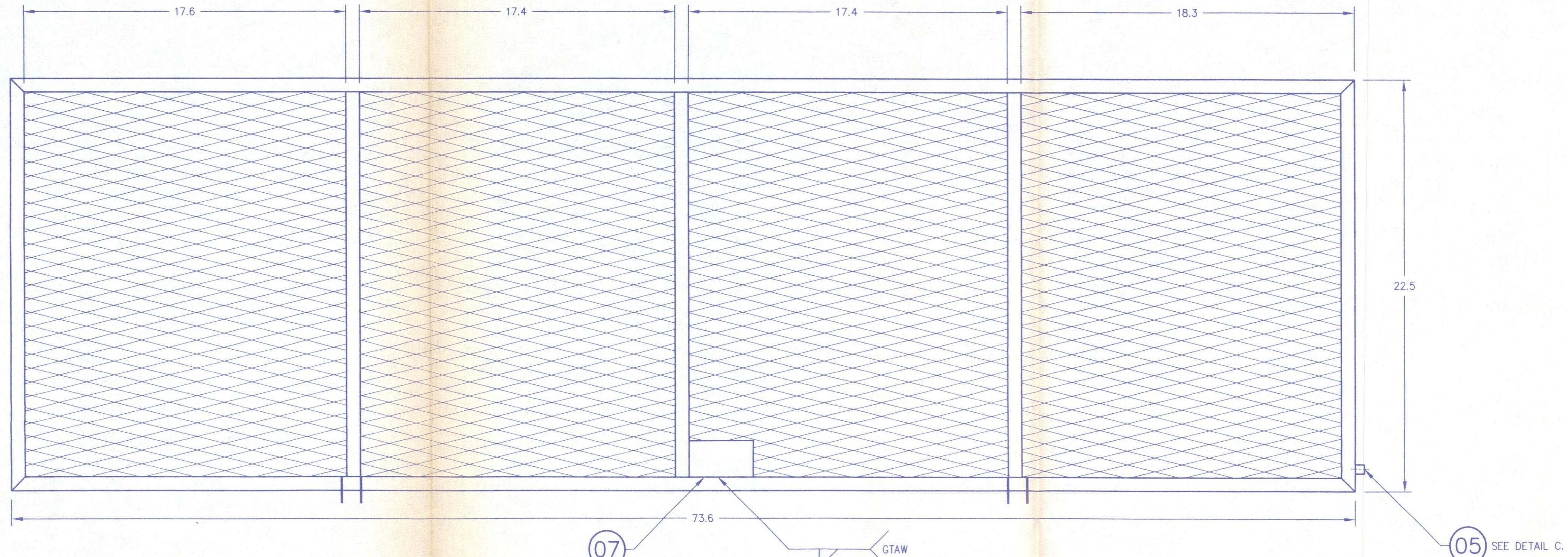
### 01 CARGO BASKET ASSEMBLY

A/R	49205-14	14	BUMPER	ARGUS INDUSTRIES
A/R	49205-13	13	PAD	NEOPRENE RUBBER
1	49218-01	12	PLACARD	
2	MS21044N3		NUT	
	AN960-10L		WASHER	
2	AN3-14		BOLT	
1	36255-01	06	HANDLE BAR INSTALLATION	
1	MS20001P4	05	PIANO HINGE	6 FEET
1	36256-01	04	BRACE INSTALLATION	
1	49207-01	03	LID ASSEMBLY	
1	49208-01	02	BASKET BODY ASSEMBLY	
1	49205-01	01	CARGO BASKET ASSEMBLY	
QTY.	PART NO.	ITEM	DESCRIPTION	MATERIAL

LIST OF MATERIALS

APPROVALS	DATE	AERO DESIGN LTD.		
DRAWN: STEVEN FAHEY	MAY 12/02	CONSULTING ENGINEERS, TRANSPORT CANADA APPROVALS, DAR 290M 2013 - 39TH AVENUE N.E., CALGARY, ALBERTA, CANADA, T2E 6R7 tel: (403) 250-8027 fax: (403) 250-8333 aerodesign@telusplanet.net		
CHECKED: E. BURGOIN	MAY 12/02			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES.				
TOLERANCES ON:				
DECIMALS X.XXX ± 0.010				
X.XX ± 0.03				
X.X ± 0.1				
SCALE 1 : 4	DWG. SIZE	DWG. NO.	REV.	CHG.
SHEET 1 OF 1	A1	49205	1	

REV.	DESCRIPTION OF CHANGE	INITIALS	DATE
0	INITIAL ISSUE	STF	MAY 10/02
1	CHANGED LID BRACE TO 3/4" TUBE	BJC	MAY 7/04



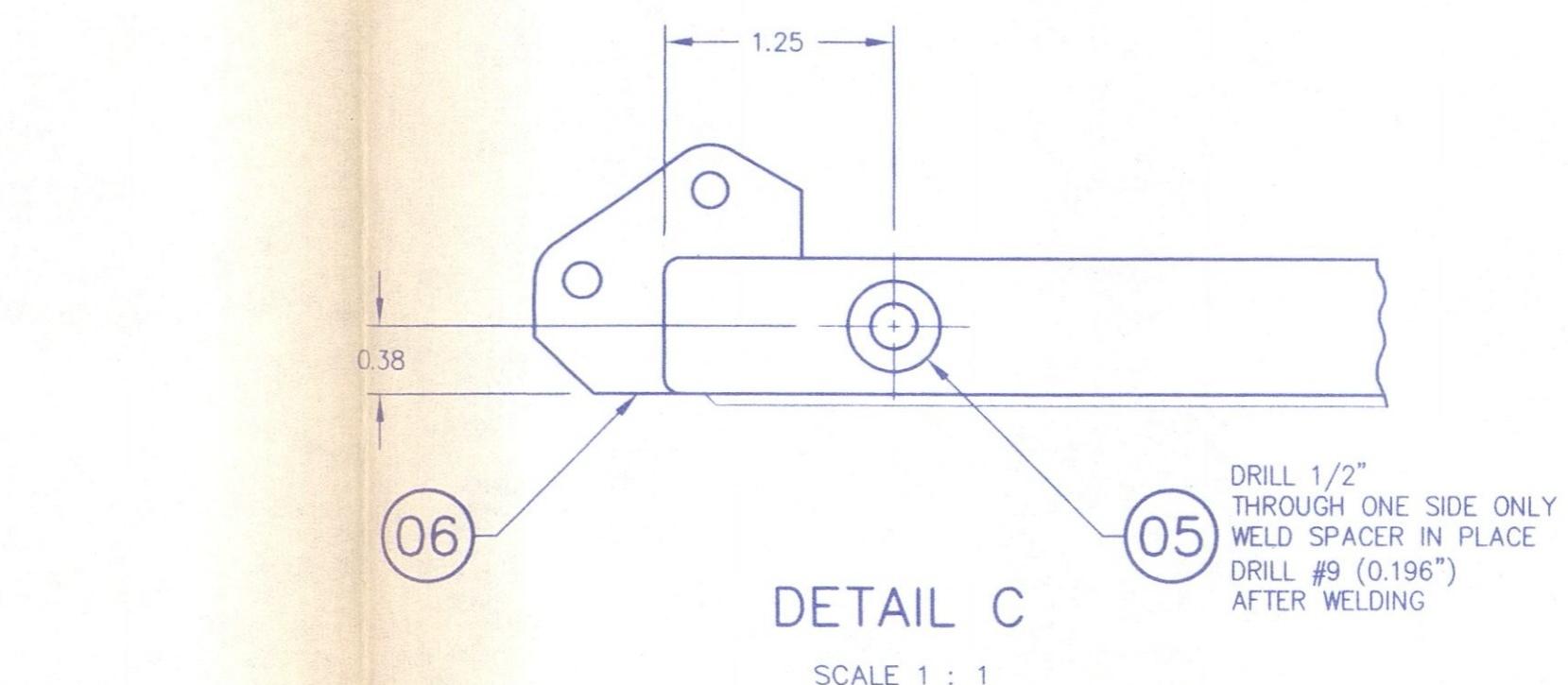
**DETAIL E**

DETAIL E

## 01 BASKET BODY ASSEMBLY

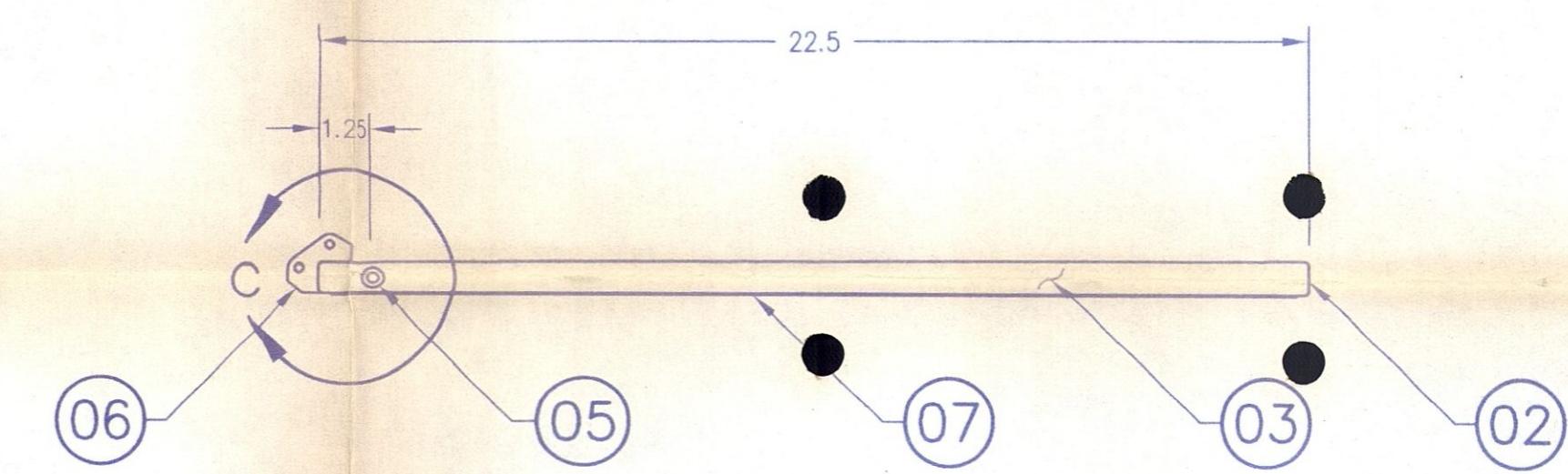
**DETAIL A**

DETAIL A



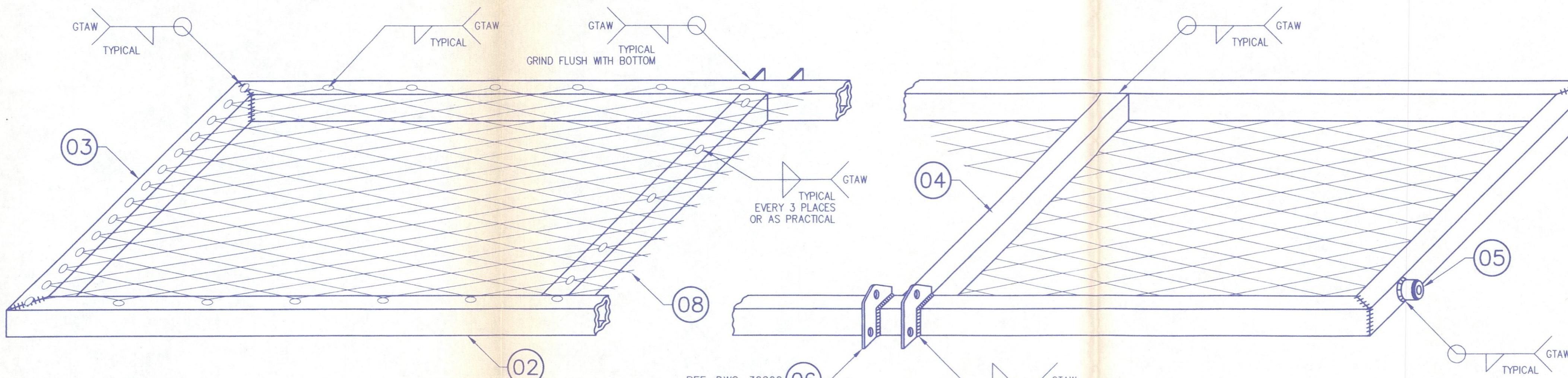
## DETAIL C

SCALE 1 : 1



## NOTES:

1. REMOVE ALL BURRS AND BREAK SHARP EDGES
  2. WELDING OF 4130 STEEL TO BE COMPLETED BY GTAW METHOD TO AMS 2685C.  
WELDING ROD SHALL CONFORM TO AMS 6457A OR LATER REVISION.
  3. WHEN ASSEMBLY IS COMPLETE, FILL ALL VENT HOLES WITH ROSETTE WELD.
  4. THOROUGHLY CLEAN, EPOXY PRIME, AND PAINT BASKET SUB-ASSEMBLIES PRIOR TO ASSEMBLY.



DETAIL B  
LOOKING AT BOTTOM

**DETAIL A  
LOOKING AT TOP**

A/R	3/4-16	08	MESH (ROLLED FLAT)	4' x 8' SHEET	16 GAUGE
ITEM	PART NO.	DESCRIPTION	MATERIAL	MATERIAL SPEC.	
1	36204-10	07	PLACARD BRACKET		
1	36262-01	06	UPPER HANDLE BRACKET ASS'Y		
1	49216-01	05	SPACER		
3	49213-01	04	LID BRACE		
2	49212-01	03	RIM		
2	49211-02	02	RIM		
	49207-01	01	BASKET LID ASSEMBLY		
01					

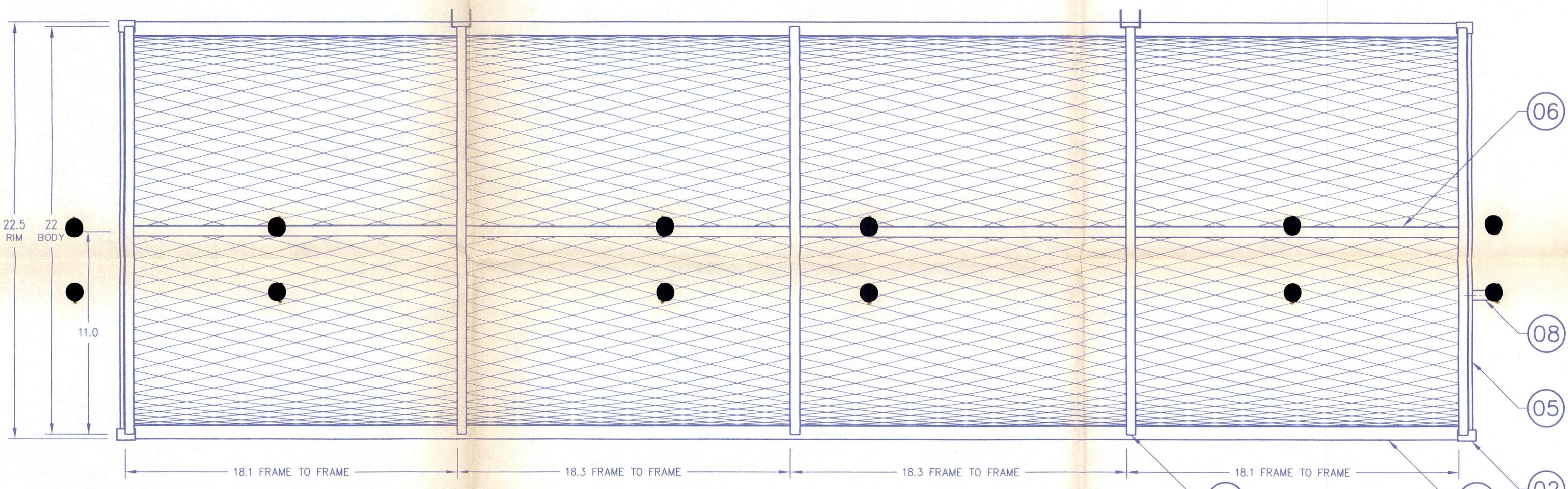
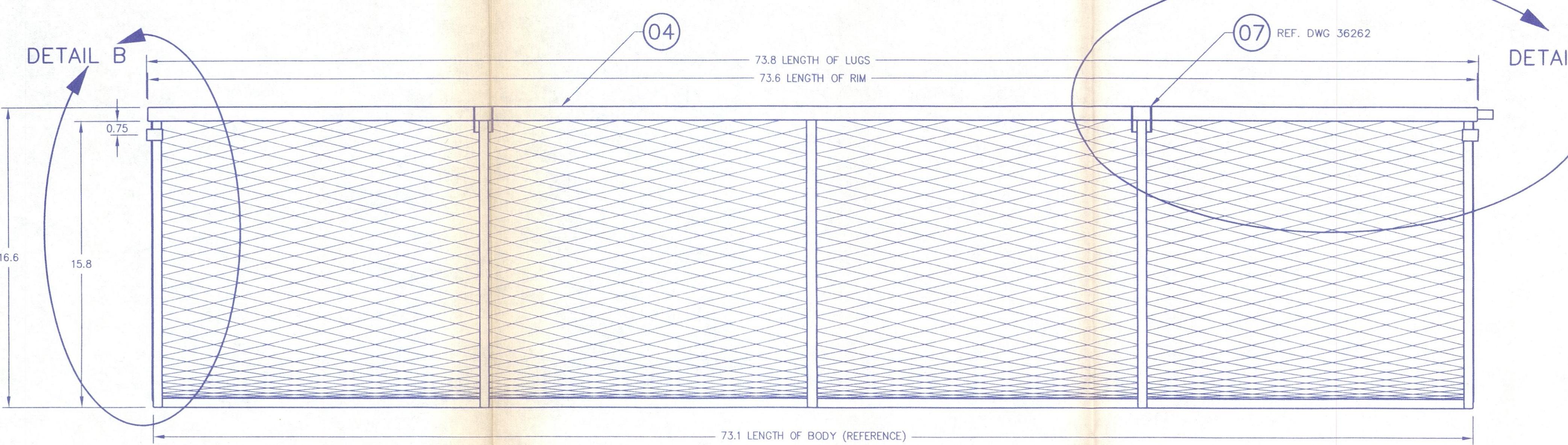
AERO DESIGN LTD

**AERO DESIGN LTD.**  
CONSULTING ENGINEERS, TRANSPORT CANADA APPROVALS, DAR 290M  
2013 - 39TH AVENUE N.E., CALGARY, ALBERTA, CANADA, T2E 6R7  
TEL: (403) 252-2225 FAX: (403) 252-2222

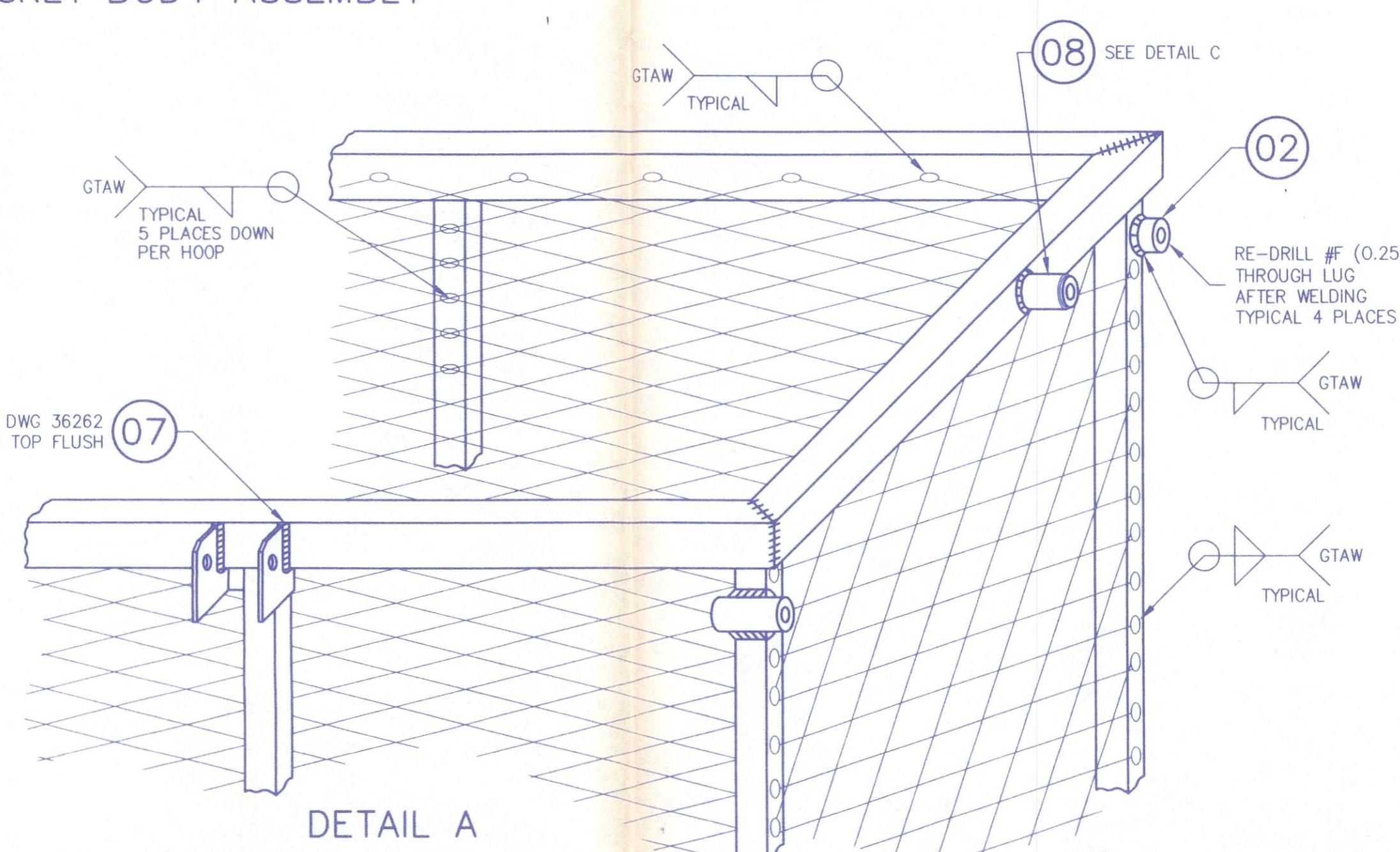
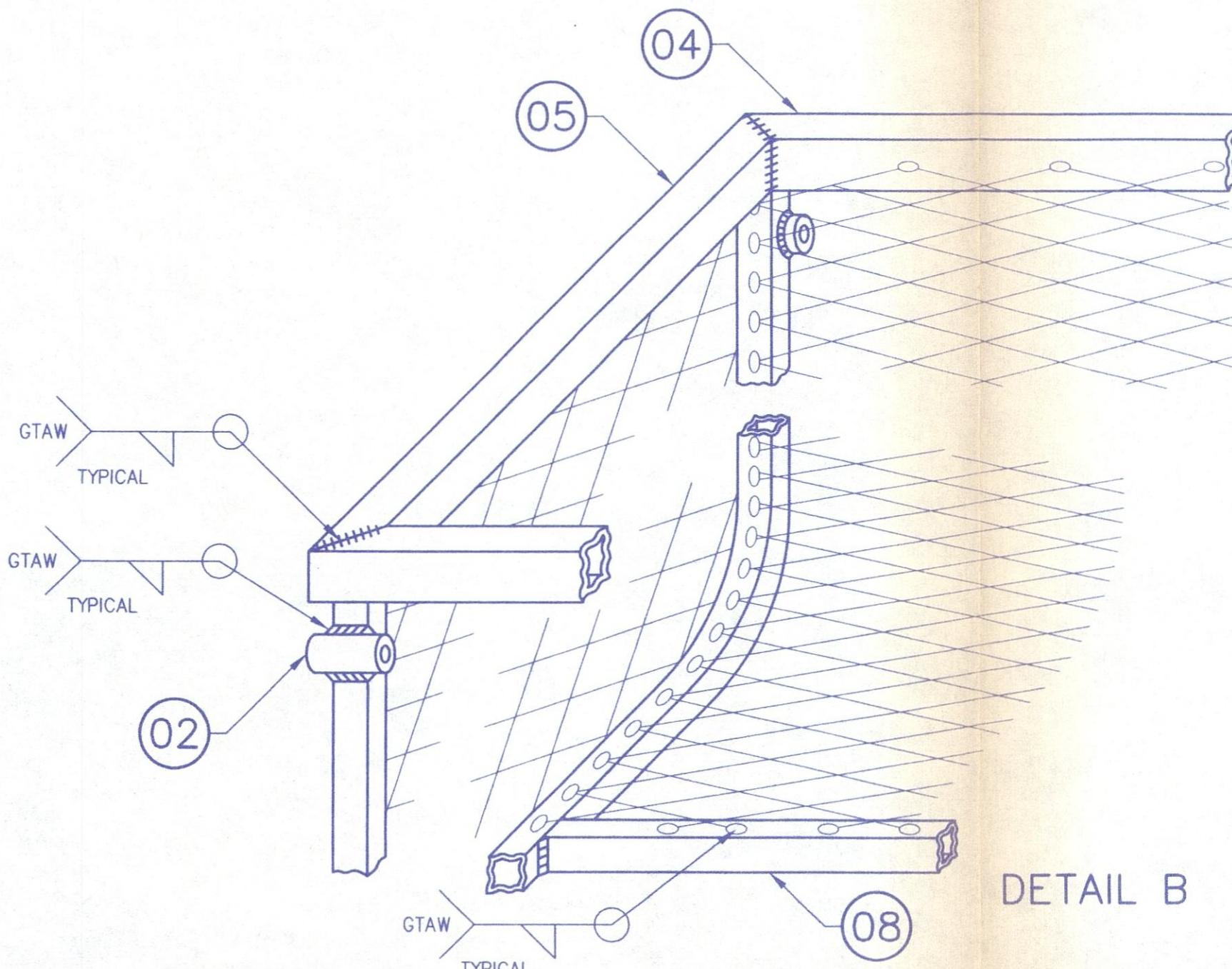
BELL 206L SERIES  
SIDE MOUNTED CARGO BASKET

APPROVALS	DATE	<b>AERO DESIGN LTD.</b> CONSULTING ENGINEERS, TRANSPORT CANADA APPROVALS, DAR 290M 2013 - 39TH AVENUE N.E., CALGARY, ALBERTA, CANADA, T2E 6R7 tel: (403) 250-8027      fax: (403) 250-8333      aerodesign@telusplanet.net				
DRAWN: STEVEN FAHEY	MAY 10/02					
CHECKED: E. BURGOIN	MAY 10/02					
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ON: DECIMALS                    ANGLES X.XXX ±0.010                ±1/2° X.XX ±0.03 X.X ±0.1		<b>BELL 206L SERIES</b> <b>SIDE MOUNTED CARGO BASKET</b> <b>CARGO BASKET LID ASSEMBLY</b>				
		SCALE 1 : 4	DWG. SIZE	DWG. NO.	REV.	CHG.
		SHEET 1 OF 1	A1	49207	1	

THIS DRAWING CONTAINS INFORMATION AND DATA WHICH IS PROPRIETARY TO AERO DESIGN LTD. THIS DRAWING, OR ANY PORTION THEREOF, MAY NOT BE REPRODUCED, COPIED, OR DUPLICATED IN ANY MANNER, NOR USED FOR MANUFACTURING WITHOUT THE WRITTEN CONSENT OF AERO DESIGN LTD. BY ACCEPTING THIS DRAWING FOR REFERENCE, THE RECIPIENT AGREES TO HOLD AERO DESIGN LTD. HARMLESS FROM THE USE, OR MISUSE, OF THIS DRAWING OR THE INFORMATION CONTAINED THEREIN.					
REV.		DESCRIPTION OF CHANGE		INITIALS	DATE
0		INITIAL ISSUE		STF	MAY 10/02
1		CHANGED LENGTH OF BASKET		STF	JUN 03/04

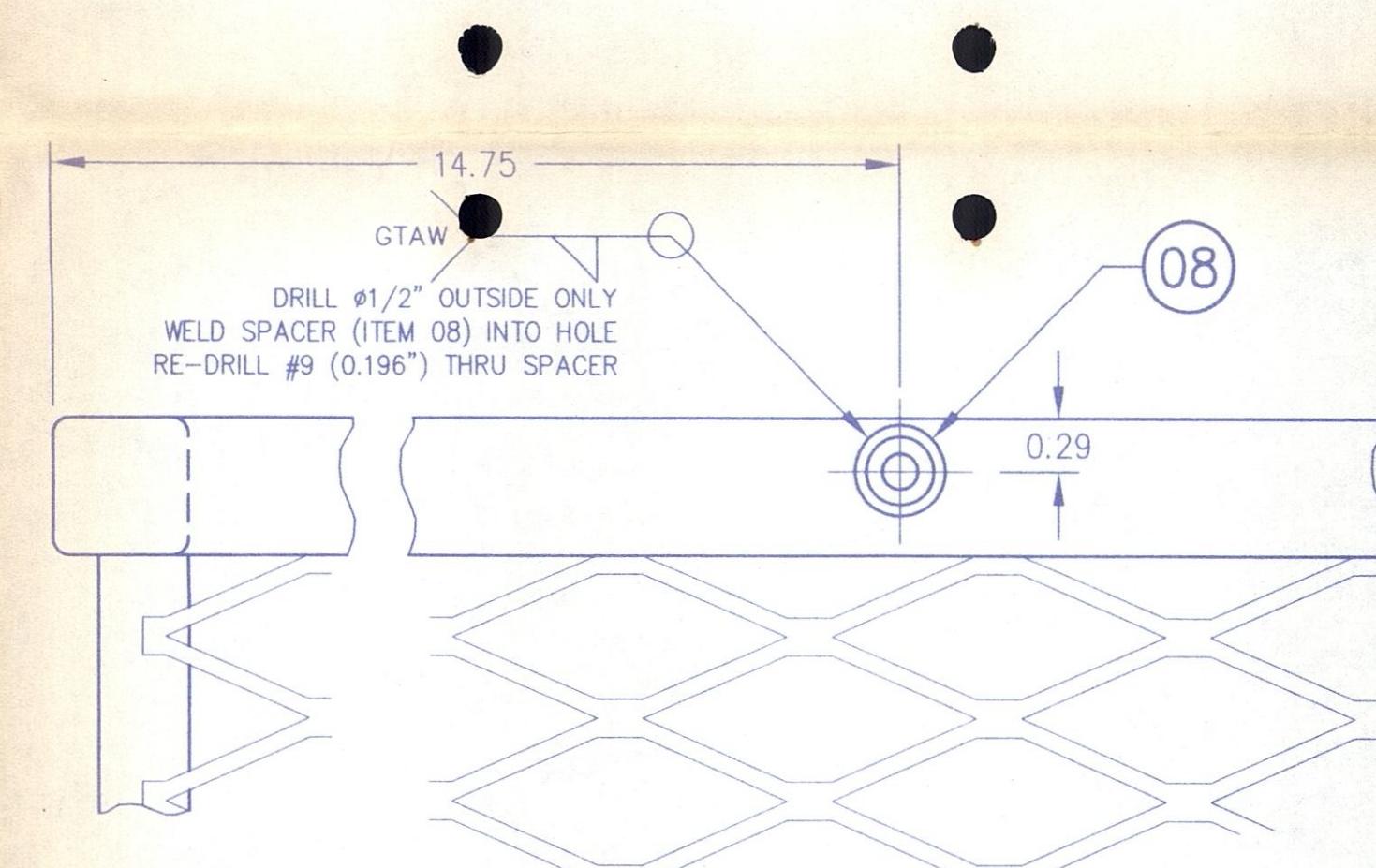


01 BASKET BODY ASSEMBLY



NOTES:

1. REMOVE ALL BURRS AND BREAK SHARP EDGES
2. WELDING OF 4130 STEEL TO BE COMPLETED BY GTAW METHOD TO AMS 2685C. WELDING ROD SHALL CONFORM TO AMS 6457A OR LATER REVISION.
3. WHEN ASSEMBLY IS COMPLETE, FILL ALL VENT HOLES WITH ROSETTE WELD.
4. THOROUGHLY CLEAN AND POWDER COAT BASKET SUB-ASSEMBLIES PRIOR TO ASSEMBLY.



DETAIL C

SCALE 1:1  
VIEW LOOKING AT FRONT RIM OF BASKET

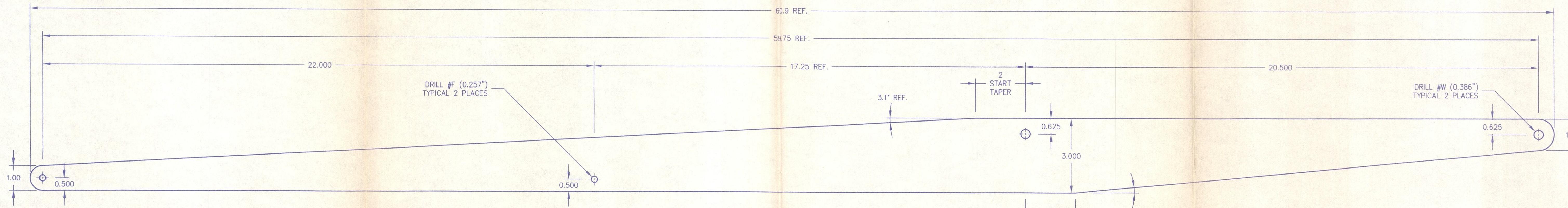
A/R	3/4-16	09	MESH	49" x 95" SHEET	16 GAUGE
01	49215-01	08	SPACER		
1	36262-01	07	HANDLE BRACKET ASS'Y		
4	49214-01	06	SPINE		
2	49212-01	05	RIM		
2	49211-02	04	RIM		
3	49210-02	03	HOOP		
2	49209-01	02	END HOOP ASS'Y		
2	49208-01	01	BASKET BODY ASSEMBLY		
QTY.	PART NO.	ITEM	DESCRIPTION	MATERIAL	MATERIAL SPEC.

LIST OF MATERIALS

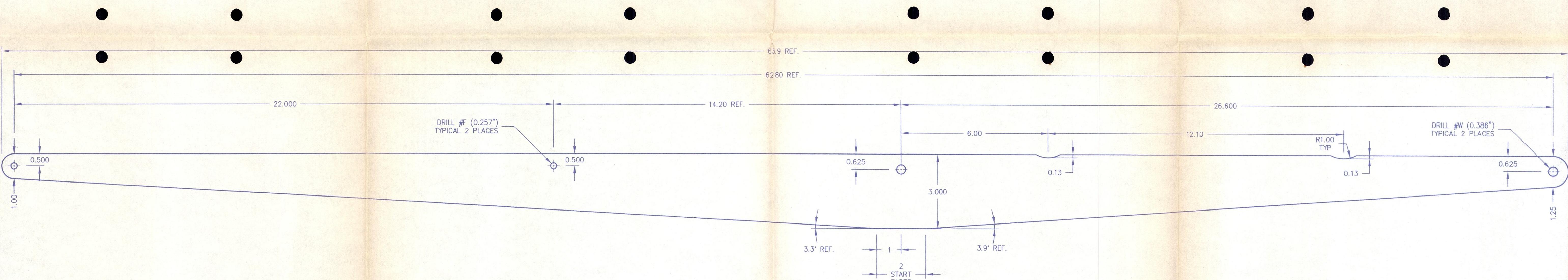
APPROVALS	DATE	AERO DESIGN LTD.		
DRAWN: STEVEN FAHEY	MAY 10/02			
CHECKED: E. BURGOIN	MAY 10/02			
CONSULTING ENGINEERS, TRANSPORT CANADA APPROVALS, DAR 290M 2013 - 39TH AVENUE N.E., CALGARY, ALBERTA, CANADA, T2E 6R7 tel: (403) 250-8027 fax: (403) 250-8333 aerodesign@telusplanet.net				
DECIMALS	±0.010	ANGLES	±1°	
X.XXX	±0.03	X.XX	±0.1	
SHEET 1 OF 1	A1	DWG. SIZE	DWG. NO.	REV.
	49208		1	

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REV.	DESCRIPTION OF CHANGE	INITIALS	DATE
1	ADDED CUTOUTS TO FORWARD BEAM	BJC	3 MAY 2004



02) AFT MOUNTING BEAM



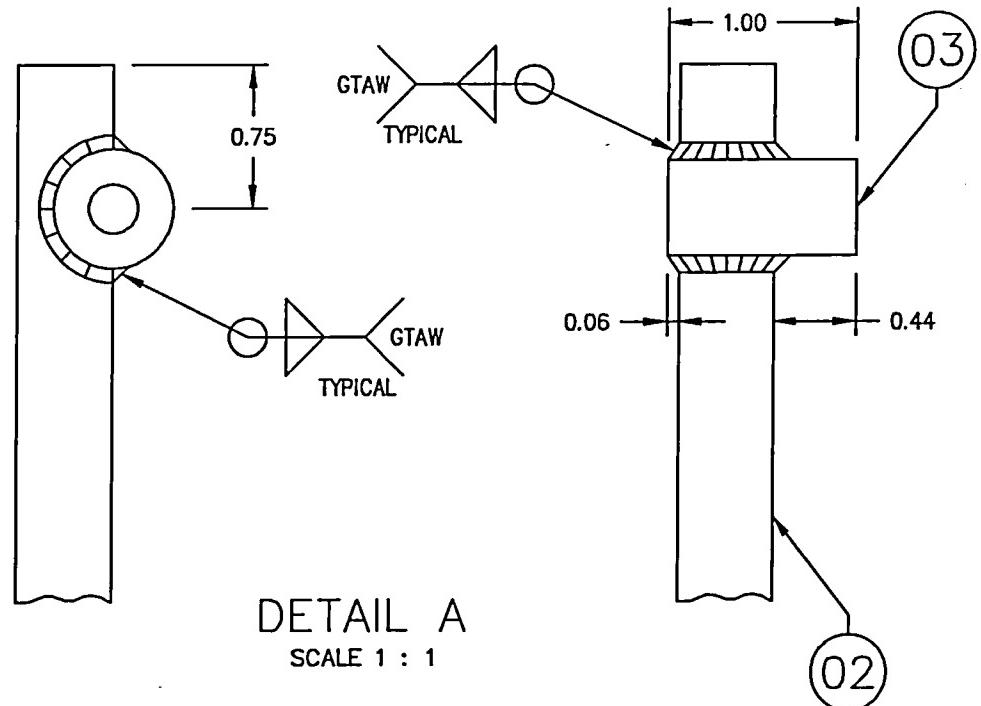
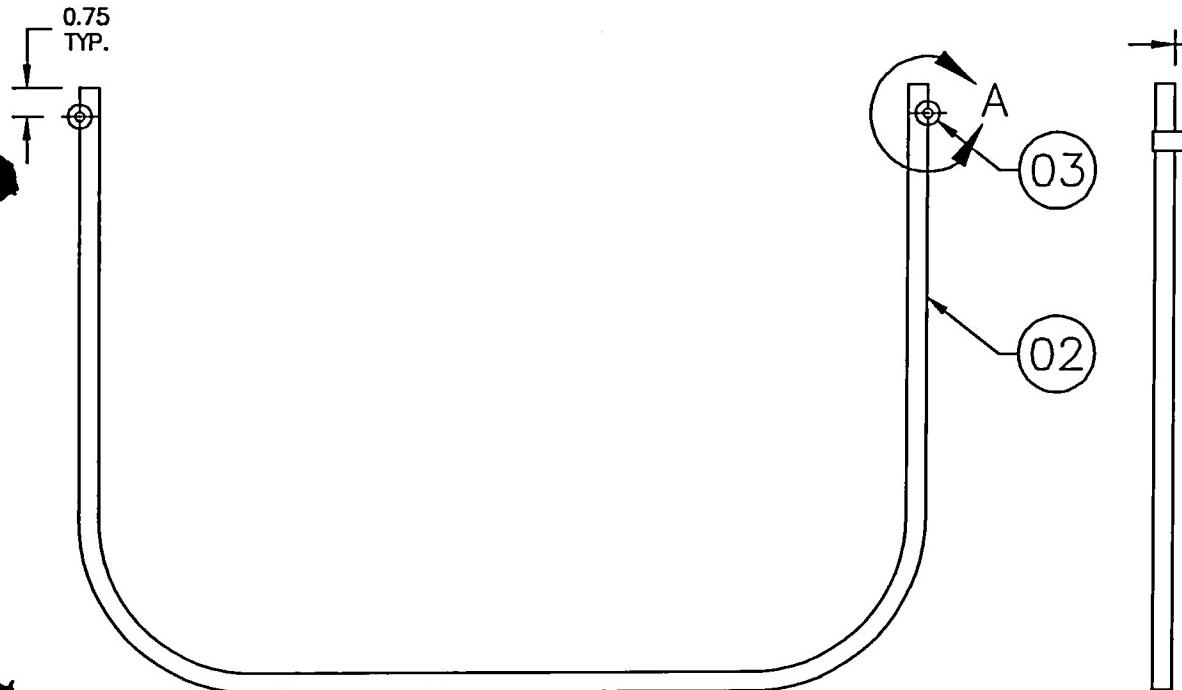
01) FORWARD MOUNTING BEAM

QTY.	PART NO.	ITEM	DESCRIPTION	MATERIAL	MATERIAL SPEC.	STOCK SIZE
LIST OF MATERIALS						

APPROVALS	DATE	AERO DESIGN LTD.		
	DRAWN: STEVEN FAHEY	APR 24/02	ENGINEERING CONSULTANTS	
	CHECKED: E. BURGOIN	APR 24/02	1045 McTAVISH ROAD N.E.	
	STRESS:		CALGARY, ALBERTA T2E 7G9	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON: DECIMALS            ANGLES X.XXX ±0.010      ±1/2° X.XX ±0.03         X.X ±0.1				
SCALE 1 : 2	DWG. SIZE	DWG. NO.	REV.	
	A1	49221	1	
SHEET 1 OF 1				

## LIST OF MATERIALS

QTY.	PART NO.	ITEM	DESCRIPTION	MATERIAL	MATERIAL SPEC.	STOCK SIZE
2	49217-01	03	LUG			
1	49210-01	02	HOOP			
	49209-01	01	END HOOP ASSEMBLY			



DETAIL A  
SCALE 1 : 1

## NOTES:

1. WELDING OF 4130 STEEL TO BE COMPLETED BY GTAW METHOD TO AMS 2685C.  
WELDING ROD SHALL CONFORM TO AMS 6457A OR LATER REVISION.

## (01) END HOOP ASSEMBLY

1	DESCRIPTION OF CHANGE	INITIALS	DATE
REV.			

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APPROVALS	DATE
DRAWN: STEVEN FAHEY	MAY 10/02
CHECKED: E. BURGOIN	MAY 10/02

UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE IN INCHES.  
TOLERANCES ON:  
DECIMALS                    ANGLES  
 $X.XXX \pm 0.010$              $\pm 1/2^\circ$   
 $X.XX \pm 0.03$   
 $X.X \pm 0.1$

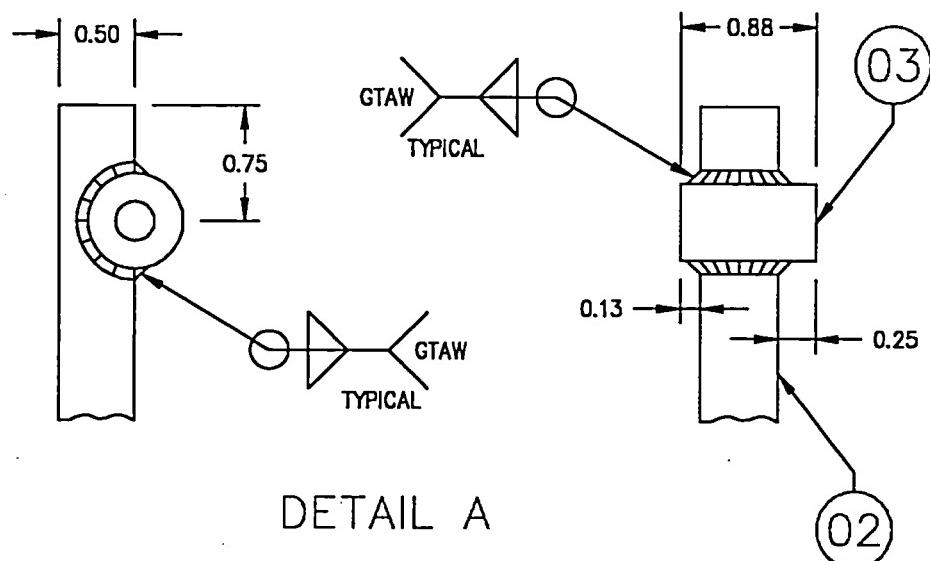
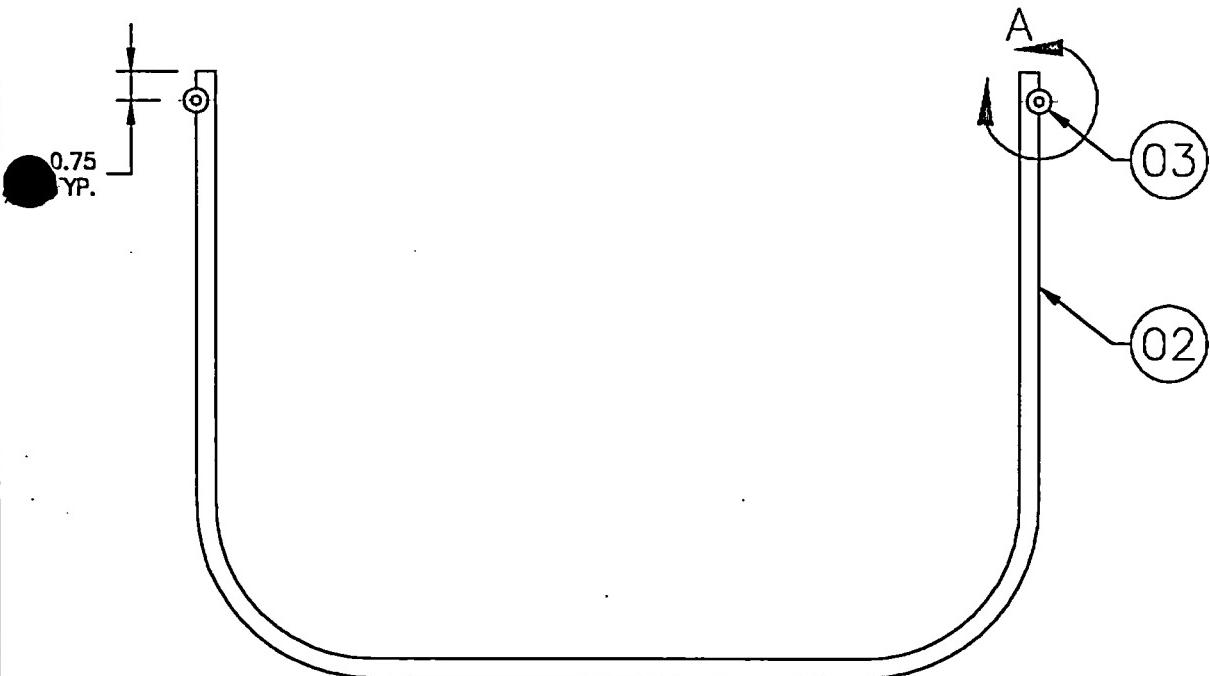
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CONSULTING ENGINEERS, TRANSPORT CANADA APPROVALS, DAR 290M  
2013 - 39TH AVENUE N.E., CALGARY, ALBERTA, CANADA, T2E 6R7  
tel: (403) 250-8027 fax: (403) 250-8333 aerodesign@telusplanet.net

BELL 206L  
SIDE-MOUNTED CARGO BASKET  
END HOOP ASSEMBLY

SCALE 1 : 5	DWG. SIZE	DWG. NO.	REV.	CHG.
SHEET 1 OF 1	LGL	49209	0	A

LIST OF MATERIALS						
QTY.	PART NO.	ITEM	DESCRIPTION	MATERIAL	MATERIAL SPEC.	STOCK SIZE
2	49217-01	03	LUG			
1	49210-01	02	HOOP			
	49209-01	01	END HOOP ASSEMBLY			



DETAIL A

NOTES:

- WELDING OF 4130 STEEL TO BE COMPLETED BY GTAW METHOD TO AMS 2685C.  
WELDING ROD SHALL CONFORM TO AMS 6457A OR LATER REVISION.

01 END HOOP ASSEMBLY

1	DESCRIPTION OF CHANGE	INITIALS	DATE
REV.			

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CHECKED: E. BURGOIN	MAY 10/02
STRESS:	

UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE IN INCHES  
TOLERANCES ON:  
DECIMALS                    ANGLES  
X.XXX  $\pm 0.010$              $\pm 1/2^\circ$   
X.XX  $\pm 0.03$   
X.X  $\pm 0.1$

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1045 McTAVISH ROAD N.E.  
CALGARY, ALBERTA T2E 7G9

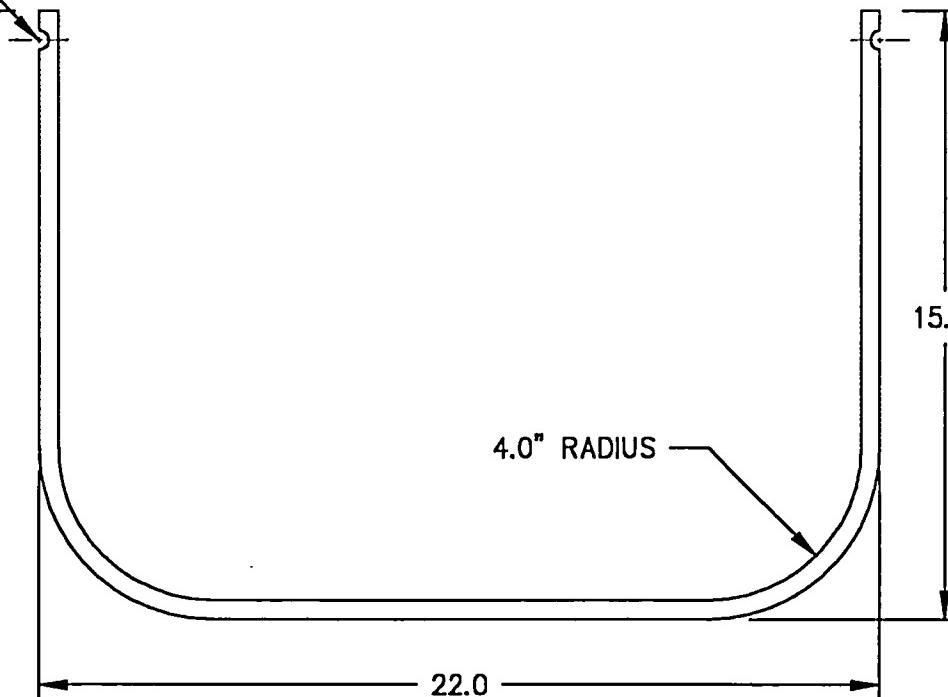
BELL 206L  
SIDE-MOUNTED CARGO BASKET  
END HOOP ASSEMBLY

SCALE 1 : 5	DWG. SIZE	DWG. NO.	REV.
SHEET 1 OF 1	LGL	49209	0

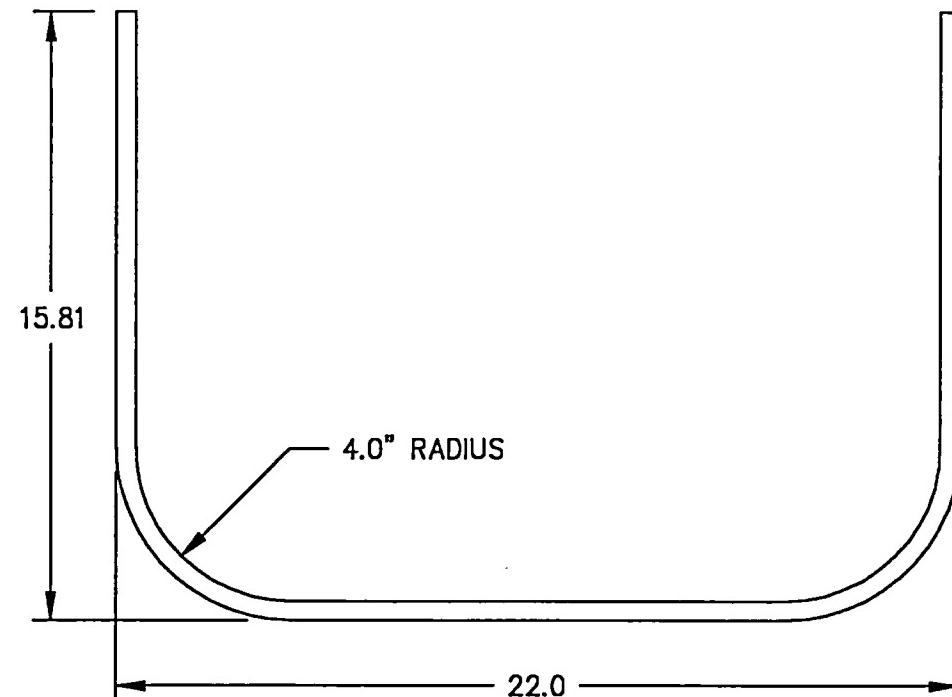
## LIST OF MATERIALS

PART NO.	ITEM	DESCRIPTION	MATERIAL	MATERIAL SPEC.	STOCK SIZE
49210-01	01	END HOOP	4130 SQUARE TUBING	MIL-T-6736	$\phi 1/2'' \times 0.035$ WALL
49210-02	02	HOOP	4130 SQUARE TUBING	MIL-T-6736	$\phi 1/2'' \times 0.035$ WALL

MILL 5/8"  
0.625" DEEP  
2 PLACES  
0.75 TYP.



(01) END HOOP



(02) HOOP

## NOTES:

1. REMOVE ALL BURRS AND SHARP EDGES.
2. DRILL 3/32" VENT HOLE IN BOTTOM OF HOOPS FOR VENTING WELD GASES.

1	DESCRIPTION OF CHANGE	INITIALS	DATE
---	-----------------------	----------	------

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CHECKED: E. BURGOIN	MAY 10/02
STRESS:	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON:	
DECIMALS X.XXX $\pm 0.010$	ANGLES $\pm 1/2''$
X.XX $\pm 0.03$	
X.X $\pm 0.1$	

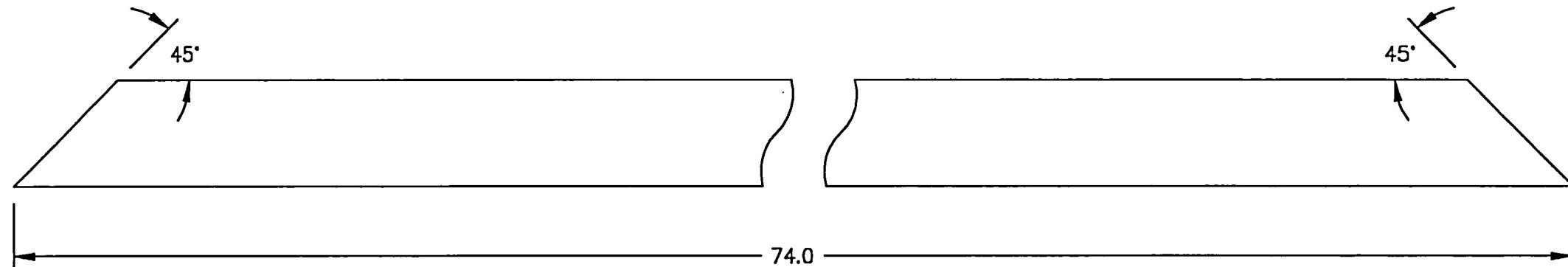
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ENGINEERING CONSULTANTS  
1045 McTAVISH ROAD N.E.  
CALGARY, ALBERTA T2E 7G9

BELL 206L  
SIDE-MOUNTED CARGO BASKET  
BASKET COMPONENTS - HOOPS

SCALE 1 : 5	DWG. SIZE LGL	DWG. NO. 49210	REV. 0
SHEET 1 OF 1			

LIST OF MATERIALS					
PART NO.	ITEM	DESCRIPTION	MATERIAL	MATERIAL SPEC.	STOCK SIZE
49211-01	01	RIM	4130 SQUARE TUBING	MIL-T-6736	$\phi 3/4"$ x 0.035 WALL



(01) RIM

NOTES:

1. REMOVE ALL BURRS AND SHARP EDGES.
2. DRILL 3/32" VENT HOLE IN BOTTOM OF HOOPS FOR VENTING WELD GASES.

1

REV.

DESCRIPTION OF CHANGE

INITIALS

DATE

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CHECKED: E. BURGOIN	MAY 10/02
STRESS:	

UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE IN INCHES  
TOLERANCES ON:  
DECIMALS      ANGLES  
X.XXX  $\pm 0.010$        $\pm 1/2^\circ$   
X.XX  $\pm 0.03$   
X.X  $\pm 0.1$

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1045 McTAVISH ROAD N.E.  
CALGARY, ALBERTA T2E 7G9  
  
BELL 206L  
SIDE-MOUNTED CARGO BASKET  
BASKET COMPONENTS - RIM

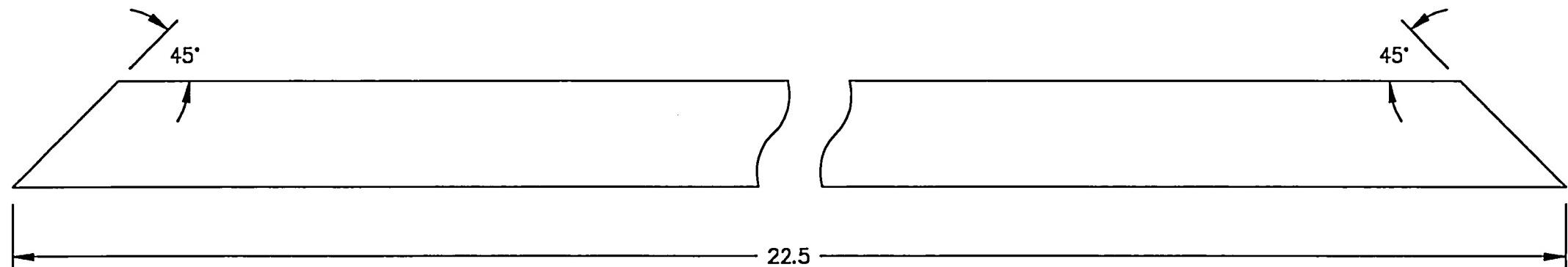
SCALE 1 : 1  
SHEET 1 OF 1

DWG. SIZE  
LGL

DWG. NO.  
49211

REV.  
0

LIST OF MATERIALS					
PART NO.	ITEM	DESCRIPTION	MATERIAL	MATERIAL SPEC.	STOCK SIZE
49212-01	01	RIM	4130 SQUARE TUBING	MIL-T-6736	#3/4" x 0.035 WALL



(01) RIM

NOTES:

1. REMOVE ALL BURRS AND SHARP EDGES.
2. DRILL 3/32" VENT HOLE IN BOTTOM OF HOOPS FOR VENTING WELD GASES.

1

REV.

DESCRIPTION OF CHANGE

INITIALS

DATE

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CHECKED: E. BURGOIN	MAY 10/02
STRESS:	

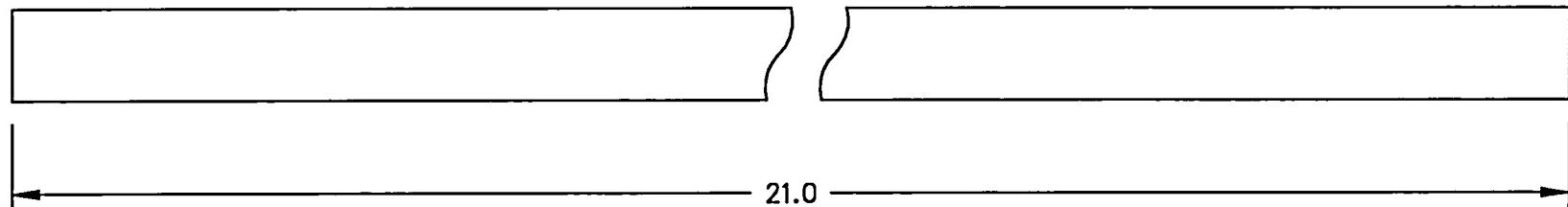
UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE IN INCHES  
TOLERANCES ON:  
DECIMALS                    ANGLES  
X.XXX ±0.010              ±1/2°  
X.XX ±0.03  
X.X ±0.1

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1045 McTAVISH ROAD N.E.  
CALGARY, ALBERTA T2E 7G9

BELL 206L  
SIDE-MOUNTED CARGO BASKET  
BASKET COMPONENTS - RIM

SCALE 1 : 1	DWG. SIZE	DWG. NO.
SHEET 1 OF 1	LGL	49212
REV.	O	

LIST OF MATERIALS					
PART NO.	ITEM	DESCRIPTION	MATERIAL	MATERIAL SPEC.	STOCK SIZE
49213-01	01	LID BRACE	4130 SQUARE TUBING	MIL-T-6736	Ø1/2" x 0.035 WALL



01

LID BRACE

NOTES:

1. REMOVE ALL BURRS AND SHARP EDGES.
2. DRILL 3/32" VENT HOLE IN BOTTOM OF HOOPS FOR VENTING WELD GASES.

1			
REV.	DESCRIPTION OF CHANGE	INITIALS	DATE

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DRAWN: STEVEN FAHEY	MAY 10/02
CHECKED: E. BURGOIN	MAY 10/02
STRESS:	

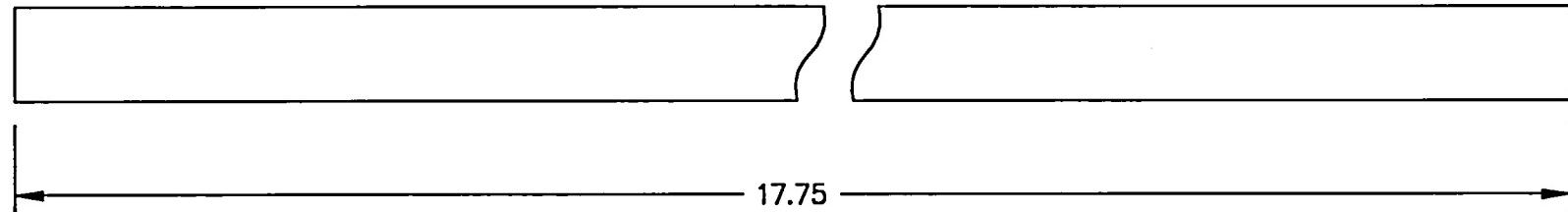
UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE IN INCHES  
TOLERANCES ON:  
DECIMALS                    ANGLES  
X.XXX ±0.010              ±1/2°  
X.XX ±0.03  
X.X ±0.1

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BELL 206L  
SIDE-MOUNTED CARGO BASKET  
BASKET COMPONENTS - LID BRACE

SCALE 1 : 1	DWG. SIZE	DWG. NO.	REV.
SHEET 1 OF 1	LGL	49213	0

LIST OF MATERIALS					
PART NO.	ITEM	DESCRIPTION	MATERIAL	MATERIAL SPEC.	STOCK SIZE
49214-01	01	SPINE	4130 SQUARE TUBING	MIL-T-6736	1/2" x 0.035" WALL



01 SPINE

NOTES:

1. REMOVE ALL BURRS AND SHARP EDGES.
2. DRILL 3/32" VENT HOLE IN BOTTOM OF HOOPS FOR VENTING WELD GASES.

1

REV.

DESCRIPTION OF CHANGE

INITIALS

DATE

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STRESS:	

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DIMENSIONS ARE IN INCHES  
TOLERANCES ON:  
DECIMALS                    ANGLES  
X.XXX ±0.010              ±1/2°  
X.XX ±0.03  
X.X ±0.1

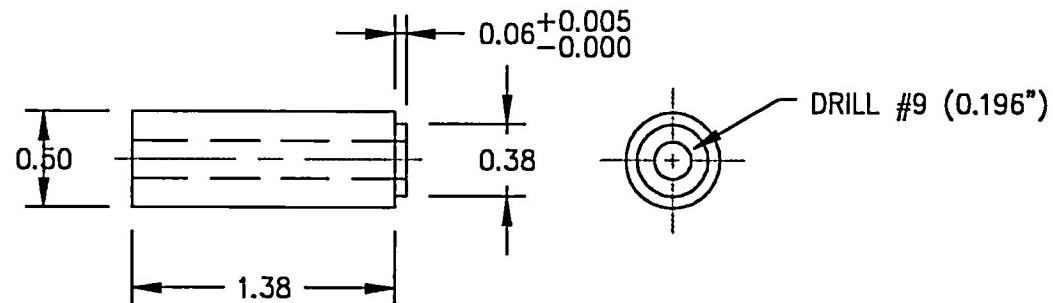
AERO DESIGN LTD.  
ENGINEERING CONSULTANTS  
1045 McTAVISH ROAD N.E.  
CALGARY, ALBERTA T2E 7G9

BELL 206L  
SIDE-MOUNTED CARGO BASKET  
BASKET COMPONENTS - SPINE

SCALE 1 : 1	DWG. SIZE	DWG. NO.	REV.
SHEET 1 OF 1	LGL	49214	0

## LIST OF MATERIALS

PART NO.	ITEM	DESCRIPTION	MATERIAL	MATERIAL SPEC.	STOCK SIZE
49215-01	01	SPACER	MILD STEEL	AISI 1010/1020	Ø1/2" OD BAR



01 SPACER

## NOTES:

1. REMOVE ALL BURRS AND SHARP EDGES.

1

REV.

DESCRIPTION OF CHANGE

INITIALS

DATE

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APPROVALS	DATE
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CHECKED: E. BURGOIN	MAY 10/02
STRESS:	

UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE IN INCHES  
TOLERANCES ON:  
DECIMALS                    ANGLES  
X.XXX ±0.010              ±1/2°  
X.XX ±0.03  
X.X ±0.1

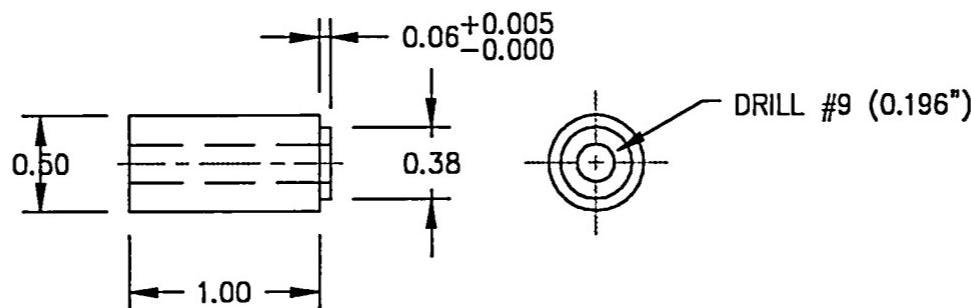
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1045 McTAVISH ROAD N.E.  
CALGARY, ALBERTA T2E 7G9

BELL 206L  
SIDE-MOUNTED CARGO BASKET  
BASKET COMPONENTS - SPACER

SCALE 1 : 1	DWG. SIZE	DWG. NO.	REV.
	LGL	49215	0
SHEET 1 OF 1			

LIST OF MATERIALS					
PART NO.	ITEM	DESCRIPTION	MATERIAL	MATERIAL SPEC.	STOCK SIZE
49216-01	01	SPACER	MILD STEEL	AISI 1010/1020	#1/2" OD BAR



01 SPACER

NOTES:

1. REMOVE ALL BURRS AND SHARP EDGES.

1

REV.

DESCRIPTION OF CHANGE

INITIALS

DATE

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APPROVALS	DATE
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CHECKED: E. BURGOIN	MAY 10/02
STRESS:	

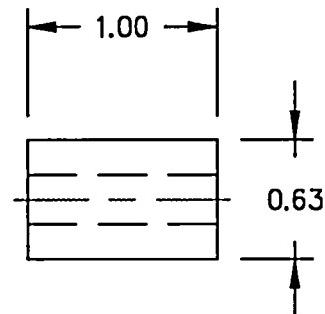
UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE IN INCHES  
TOLERANCES ON:  
DECIMALS                    ANGLES  
X.XXX ±0.010              ±1/2°  
X.XX ±0.03  
X.X ±0.1

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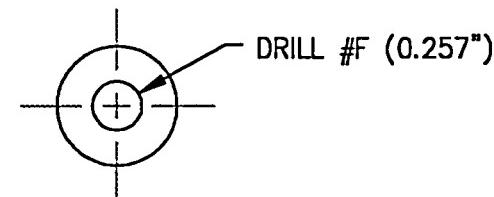
BELL 206L  
SIDE-MOUNTED CARGO BASKET  
BASKET COMPONENTS - SPACER

SCALE 1 : 1	DWG. SIZE	DWG. NO.	REV.
SHEET 1 OF 1	LGL	49216	0

LIST OF MATERIALS					
PART NO.	ITEM	DESCRIPTION	MATERIAL	MATERIAL SPEC.	STOCK SIZE
49217-01	01	LUG	MILD STEEL	AISI 1010/1020	Ø5/8 OD BAR



01 LUG



NOTES:

1. REMOVE ALL BURRS AND SHARP EDGES.

1			
REV.	DESCRIPTION OF CHANGE	INITIALS	DATE

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STRESS:	

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TOLERANCES ON:  
DECIMALS                    ANGLES  
X.XXX ±0.010              ±1/2°  
X.XX ±0.03  
X.X ±0.1

AERO DESIGN LTD.  
ENGINEERING CONSULTANTS  
1045 McTAVISH ROAD N.E.  
CALGARY, ALBERTA T2E 7G9

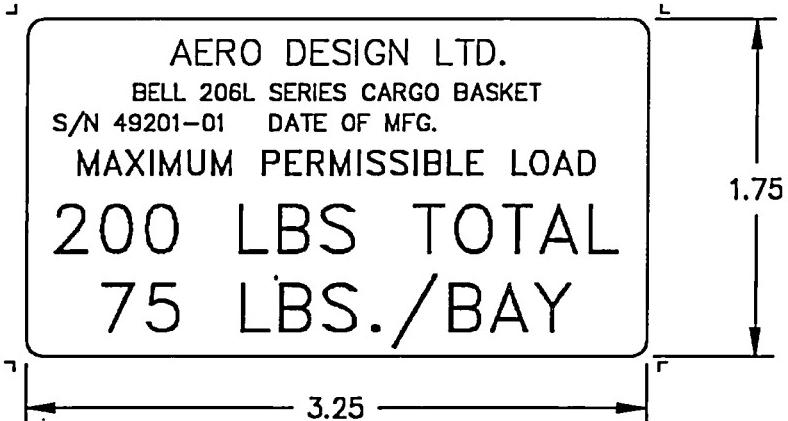
BELL 206L  
SIDE-MOUNTED CARGO BASKET  
BASKET COMPONENTS - LUG

SCALE 1 : 1	DWG. SIZE	DWG. NO.
SHEET 1 OF 1	LGL	49217
REV.	0	

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REV.	DESCRIPTION OF CHANGE	INITIALS	DATE
1			

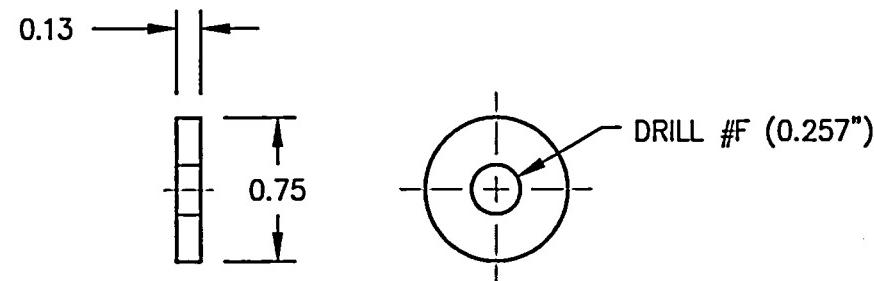


01 PLACARD

49218-01	01	PLACARD	3M SCOTCHCAL 7725-10 (0.09mm) VINYL
PART NO.	ITEM	DESCRIPTION	MATERIAL
LIST OF MATERIALS			
APPROVALS	DATE	<b>AERO DESIGN LTD.</b> ENGINEERING CONSULTANTS 1045 McTAVISH ROAD N.E. CALGARY, ALBERTA T2E 7G9	
DRAWN: STEVEN FAHEY	MAY 16/02		
CHECKED: E. BURGOIN	MAY 16/02		
STRESS:			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON: DECIMALS      ANGLES X.XXX ±0.010      ±1/2°		<b>BELL 206L</b> <b>SIDE-MOUNTED CARGO BASKET</b> <b>PLACARD</b>	
SCALE 1 : 1	DWG. SIZE	DWG. NO.	REV.
	LGL	49218	0
SHEET 1 OF 1			

## LIST OF MATERIALS

PART NO.	ITEM	DESCRIPTION	MATERIAL	MATERIAL SPEC.	STOCK SIZE
49219-01	01	SPACER	AISI 304 SS	MIL-S-5059	Ø3/4 DIA RND. BAR



01 SPACER

## NOTES:

1. REMOVE ALL BURRS AND SHARP EDGES.

1		
REV.	DESCRIPTION OF CHANGE	INITIALS DATE

NOTICE

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APPROVALS	DATE
DRAWN: JEFF CLARKE	28 APR 2004
CHECKED: E. BURGOIN	
STRESS:	

UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE IN INCHES  
TOLERANCES ON:  
DECIMALS                    ANGLES  
X.XXX ±0.010              ±1/2°  
X.XX ±0.03  
X.X ±0.1

AERO DESIGN LTD.

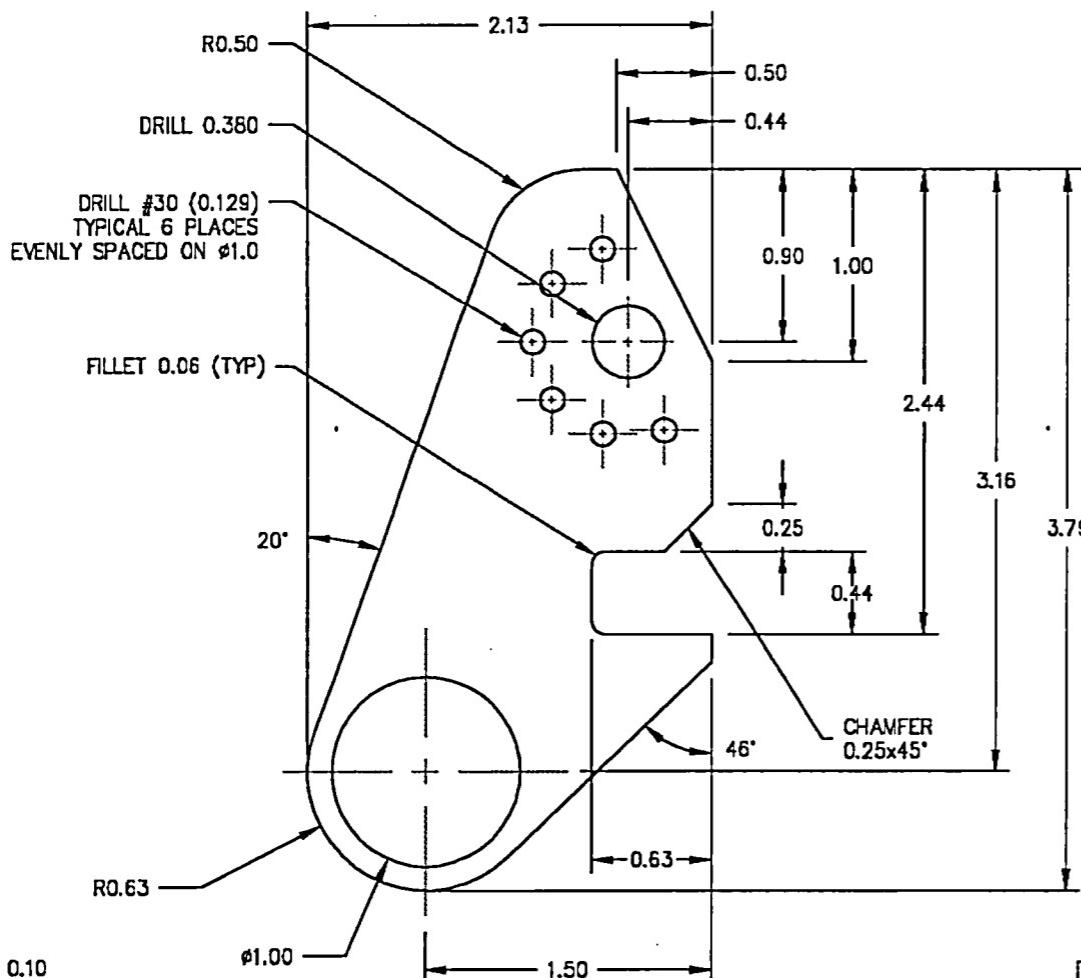
ENGINEERING CONSULTANTS  
1045 McTAVISH ROAD N.E.  
CALGARY, ALBERTA T2E 7G9

BELL 206L  
SIDE-MOUNTED CARGO BASKET  
BASKET COMPONENTS - SPACER

SCALE 1 : 1	DWG. SIZE	DWG. NO.	REV.
SHEET 1 OF 1	LGL	49219	0

## LIST OF MATERIALS

PART NO.	ITEM	DESCRIPTION	MATERIAL	MATERIAL SPEC.	STOCK SIZE
36271-01	01	LEVER	AISI 304 STAINLESS	MIL-S-5059	0.125" PLATE



01 LEVER

1

REV.

DESCRIPTION OF CHANGE

INITIALS

DATE

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APPROVALS	DATE
DRAWN: STEVEN FAHEY	MAY 17/02
CHECKED: E. BURGOIN	MAY 17/02
STRESS:	

UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE IN INCHES  
TOLERANCES ON:  
DECIMALS                    ANGLES  
X.XXX ±0.010              ±1/2°  
X.XX ±0.03  
X.X ±0.1

SHEET 1 OF 1

SCALE 1 : 1

DWG. SIZE  
LGL

DWG. NO.

36271

REV.

0

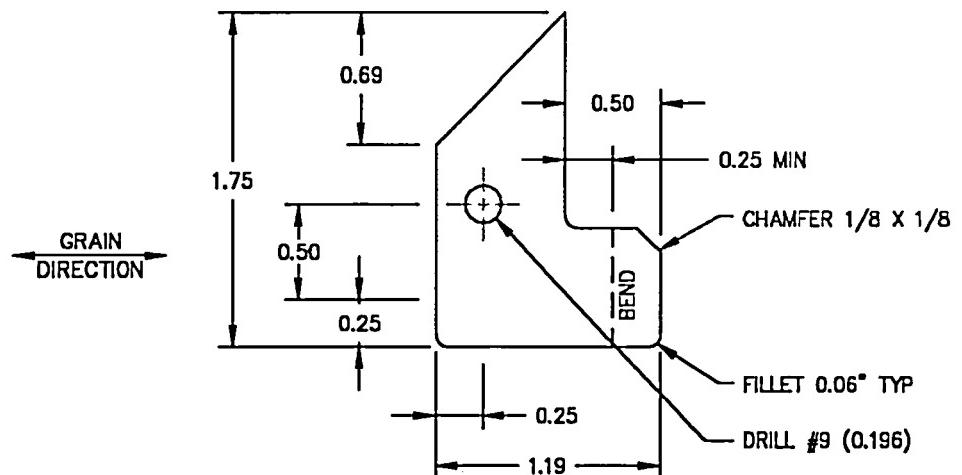
**AERO DESIGN LTD.**  
ENGINEERING CONSULTANTS  
1045 McTAVISH ROAD N.E.  
CALGARY, ALBERTA T2E 7G9

HELICOPTER CARGO BASKET  
HANDLE LEVER

LIST OF MATERIALS					
PART NO.	ITEM	DESCRIPTION	MATERIAL	MATERIAL SPEC.	STOCK SIZE
36272-01	01	BASKET BRACKET	AISI 4130, COND. N	MIL-S-18729	0.050" SHEET

NOTES:

1. REMOVE ALL BURRS AND SHARP EDGES.



01 BASKET BRACKET

BEND 90° WHERE INDICATED, R0.063  
TWO BENT UP AND TWO BENT DOWN REQUIRED

APPROVALS	DATE
DRAWN: STEVEN FAHEY	MAY 17/02

CHECKED: E. BURGOIN	MAY 17/02
---------------------	-----------

STRESS:

AERO DESIGN LTD.

ENGINEERING CONSULTANTS  
1045 McTAVISH ROAD N.E.  
CALGARY, ALBERTA T2E 7G9

HELICOPTER CARGO BASKET  
BASKET BRACKET

UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE IN INCHES  
TOLERANCES ON:  
DECIMALS                    ANGLES  
X.XXX ±0.010              ±1/2°  
X.XX ±0.03  
X.X ±0.1

SCALE 1 : 1	DWG. SIZE	DWG. NO.	REV.
SHEET 1 OF 1	LGL	36272	0

1			
REV.	DESCRIPTION OF CHANGE	INITIALS	DATE

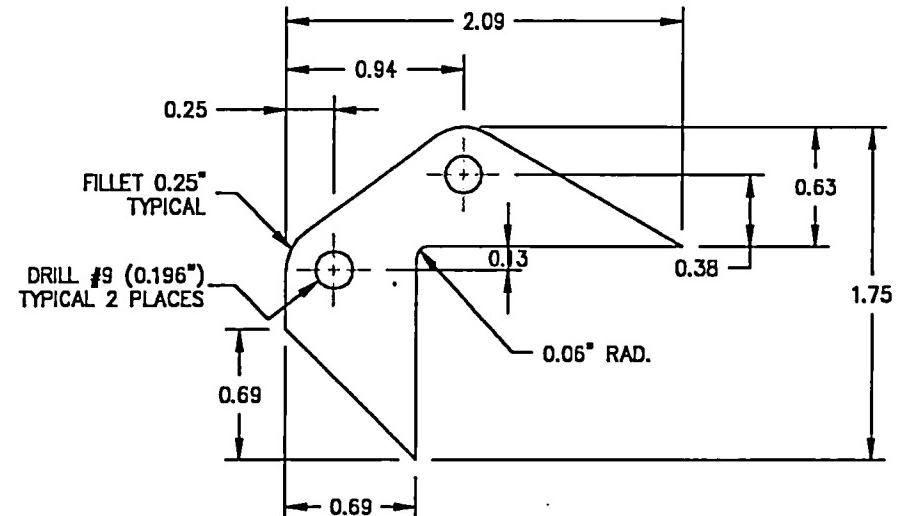
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LIST OF MATERIALS					
PART NO.	ITEM	DESCRIPTION	MATERIAL	MATERIAL SPEC.	STOCK SIZE
36273-01	01	LID BRACKET	AISI 4130, COND. N	MIL-S-18729	0.050" SHEET

NOTES:

1. REMOVE ALL BURRS AND SHARP EDGES.



(01) LID BRACKET

APPROVALS	DATE
DRAWN: STEVEN FAHEY	MAY 17/02
CHECKED: E. BURGOIN	MAY 17/02
STRESS:	

AERO DESIGN LTD.  
ENGINEERING CONSULTANTS  
1045 McTAVISH ROAD N.E.  
CALGARY, ALBERTA T2E 7G9

1			
REV.	DESCRIPTION OF CHANGE	INITIALS	DATE

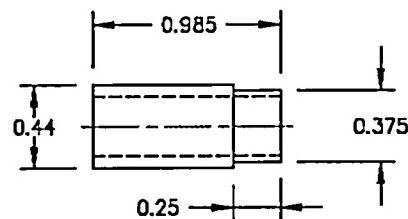
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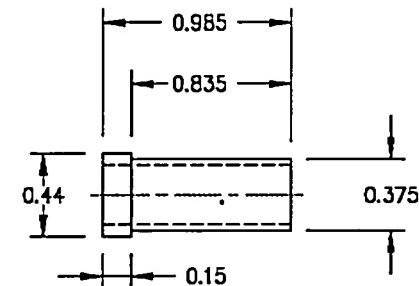
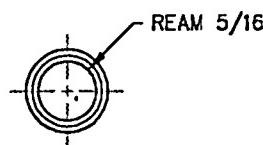
UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE IN INCHES  
TOLERANCES ON:  
DECIMALS                    ANGLES  
X.XXX ±0.010              ±1/2°  
X.XX ±0.03  
X.X ±0.1

SCALE 1 : 1	DWG. SIZE	DWG. NO.	REV.
SHEET 1 OF 1	LGL	36273	0

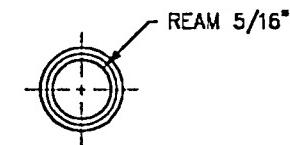
LIST OF MATERIALS					
PART NO.	ITEM	DESCRIPTION	MATERIAL	MATERIAL SPEC.	STOCK SIZE
36274-01	01	BUSHING	AISI 304 STAINLESS		7/16" X 0.065" TUBE



01 BUSHING  
ALTERNATE PART



01 BUSHING



NOTES:

1. REMOVE ALL BURRS AND SHARP EDGES.

APPROVALS	DATE
DRAWN: STEVEN FAHEY	MAY 17/02
CHECKED: E. BURGOIN	MAY 17/02
STRESS:	

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ENGINEERING CONSULTANTS  
1045 McTAVISH ROAD N.E.  
CALGARY, ALBERTA T2E 7G9

BELL HELICOPTER  
CARGO BASKET  
BUSHING

UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE IN INCHES  
TOLERANCES ON:  
DECIMALS                    ANGLES  
X.XXX ±0.010              ±1/2°  
X.XX ±0.03  
X.X ±0.1

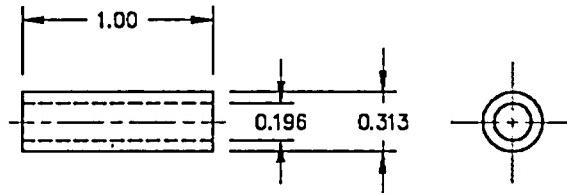
SCALE 1 : 1	DWG. SIZE	DWG. NO.	REV.
SHEET 1 OF 1	LGL	36274	0

1	DESCRIPTION OF CHANGE	INITIALS	DATE
REV.			

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LIST OF MATERIALS					
PART NO.	ITEM	DESCRIPTION	MATERIAL	MATERIAL SPEC.	STOCK SIZE
36275-01	01	BUSHING	AISI 304 STAINLESS		5/16" X 0.065" TUBE



NOTES:

1. REMOVE ALL BURRS AND SHARP EDGES.

01 BUSHING

APPROVALS	DATE
DRAWN: STEVEN FAHEY	MAY 17/02
CHECKED: E. BURGOIN	MAY 17/02
STRESS:	

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1045 McTAVISH ROAD N.E.  
CALGARY, ALBERTA T2E 7G9

1		
REV.	DESCRIPTION OF CHANGE	INITIALS DATE

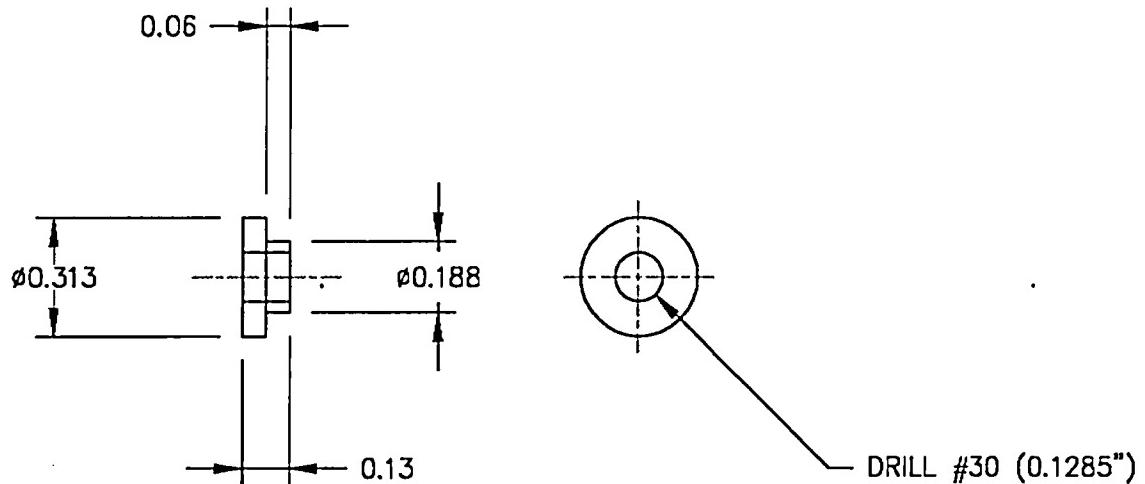
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DIMENSIONS ARE IN INCHES  
TOLERANCES ON:  
DECIMALS                    ANGLES  
X.XXX ±0.010              ±1/2°  
X.XX ±0.03  
X.X ±0.1

SCALE 1 : 1	DWG. SIZE	DWG. NO.
SHEET 1 OF 1	LGL	36275

REV. 0

LIST OF MATERIALS					
PART NO.	ITEM	DESCRIPTION	MATERIAL	MATERIAL SPEC.	STOCK SIZE
36276-01	01	SPRING HOOK	6061 ALUMINUM		5/16" ROD



(01) SPRING HOOK

NOTES:

1. REMOVE ALL BURRS AND SHARP EDGES.

1		
REV.	DESCRIPTION OF CHANGE	INITIALS DATE

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APPROVALS	DATE
DRAWN: STEVEN FAHEY	MAY 17/02
CHECKED: E. BURGOIN	MAY 17/02
STRESS:	

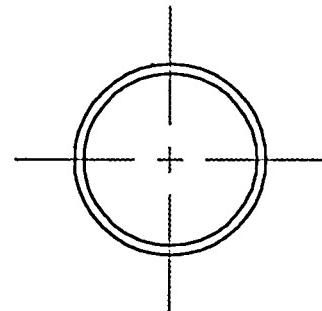
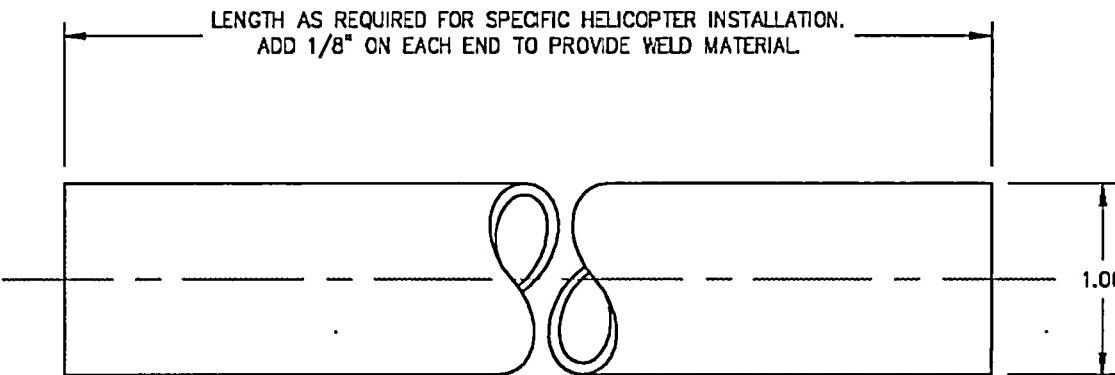
UNLESS OTHERWISE SPECIFIED  
 DIMENSIONS ARE IN INCHES  
 TOLERANCES ON:  
 DECIMALS                    ANGLES  
 $X.XXX \pm 0.010$              $\pm 1/2^\circ$   
 $X.X \pm 0.03$   
 $X \pm 0.1$

AERO DESIGN LTD.  
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 1045 McTAVISH ROAD N.E.  
 CALGARY, ALBERTA T2E 7G9

HELICOPTER CARGO BASKET  
 SPRING HOOK

SCALE 2 : 1	DWG. SIZE	DWG. NO.	REV.
SHEET 1 OF 1	LGL	36276	0

LIST OF MATERIALS					
PART NO.	ITEM	DESCRIPTION	MATERIAL	MATERIAL SPEC.	STOCK SIZE
36277-01	01	HANDLE BAR	AISI 316 STAINLESS	ASTM A213	1.0" X 0.035" TUBE



① HANDLE BAR

NOTES:

1. REMOVE ALL BURRS AND SHARP EDGES.

APPROVALS	DATE
DRAWN: STEVEN FAHEY	MAY 17/02
CHECKED: E. BURGOIN	MAY 17/02
STRESS:	

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ENGINEERING CONSULTANTS  
1045 McTAVISH ROAD N.E.  
CALGARY, ALBERTA T2E 7G9

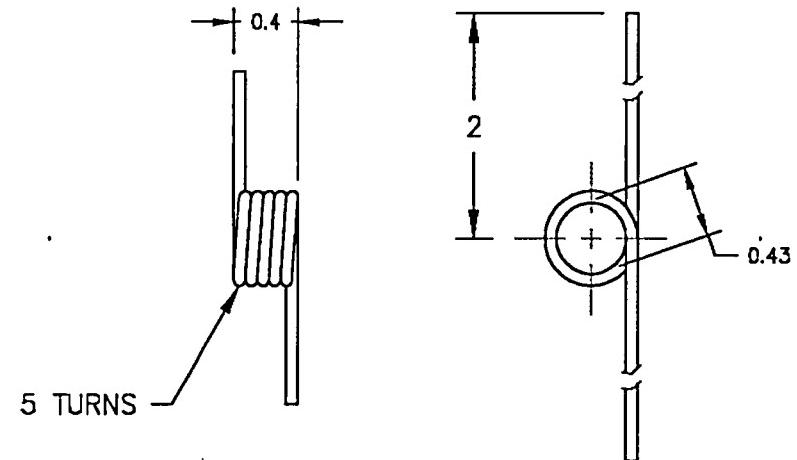
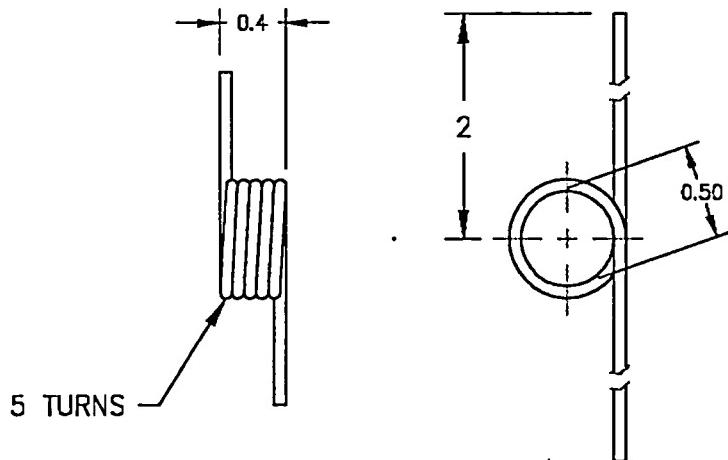
1		
REV.	DESCRIPTION OF CHANGE	INITIALS DATE

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DIMENSIONS ARE IN INCHES  
TOLERANCES ON:  
DECIMALS                    ANGLES  
X.XXX ±0.010              ±1/2°  
X.XX ±0.03  
X.X ±0.1

SCALE 1 : 1	DWG. SIZE	DWG. NO.
SHEET 1 OF 1	LGL	36277
REV.	0	

LIST OF MATERIALS					
PART NO.	ITEM	DESCRIPTION	MATERIAL	MATERIAL SPEC.	STOCK SIZE
36278-01	01	SPRING	MUSIC WIRE	SAE 1085	1/16" WIRE TORSION SPRING



(01) SPRING  
ALTERNATE PART  
(RELAXED POSITION)  
LH SHOWN, RH OPPOSITE

(01) SPRING  
(RELAXED POSITION)  
LH SHOWN, RH OPPOSITE

1			
REV.	DESCRIPTION OF CHANGE	INITIALS	DATE

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APPROVALS	DATE
DRAWN: STEVEN FAHEY	MAY 17/02
CHECKED: E. BURGOIN	MAY 17/02
STRESS:	

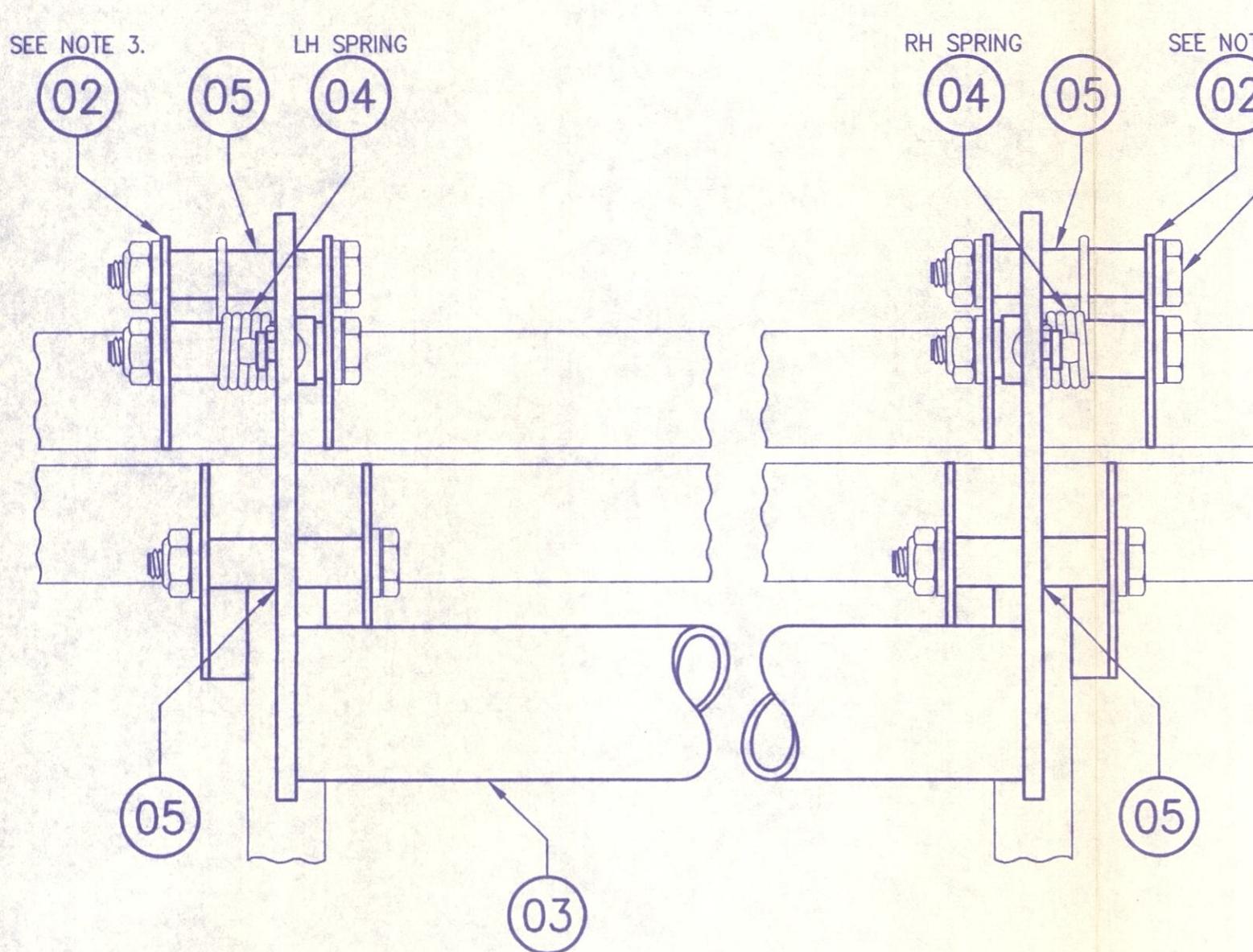
UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE IN INCHES  
TOLERANCES ON:  
DECIMALS                    ANGLES  
X.XXX  $\pm 0.010$              $\pm 1/2^\circ$   
X.XX  $\pm 0.03$   
X.X  $\pm 0.1$

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1045 McTAVISH ROAD N.E.  
CALGARY, ALBERTA T2E 7G9

HELICOPTER CARGO BASKET  
SPRING

SCALE 1 : 1	DWG. SIZE	DWG. NO.	REV.
SHEET 1 OF 1	LGL	36278	0

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REV. 0 DESCRIPTION OF CHANGE INITIALS DATE  
INITIAL ISSUE - CREATED FROM 36210 STF MAR 17/03



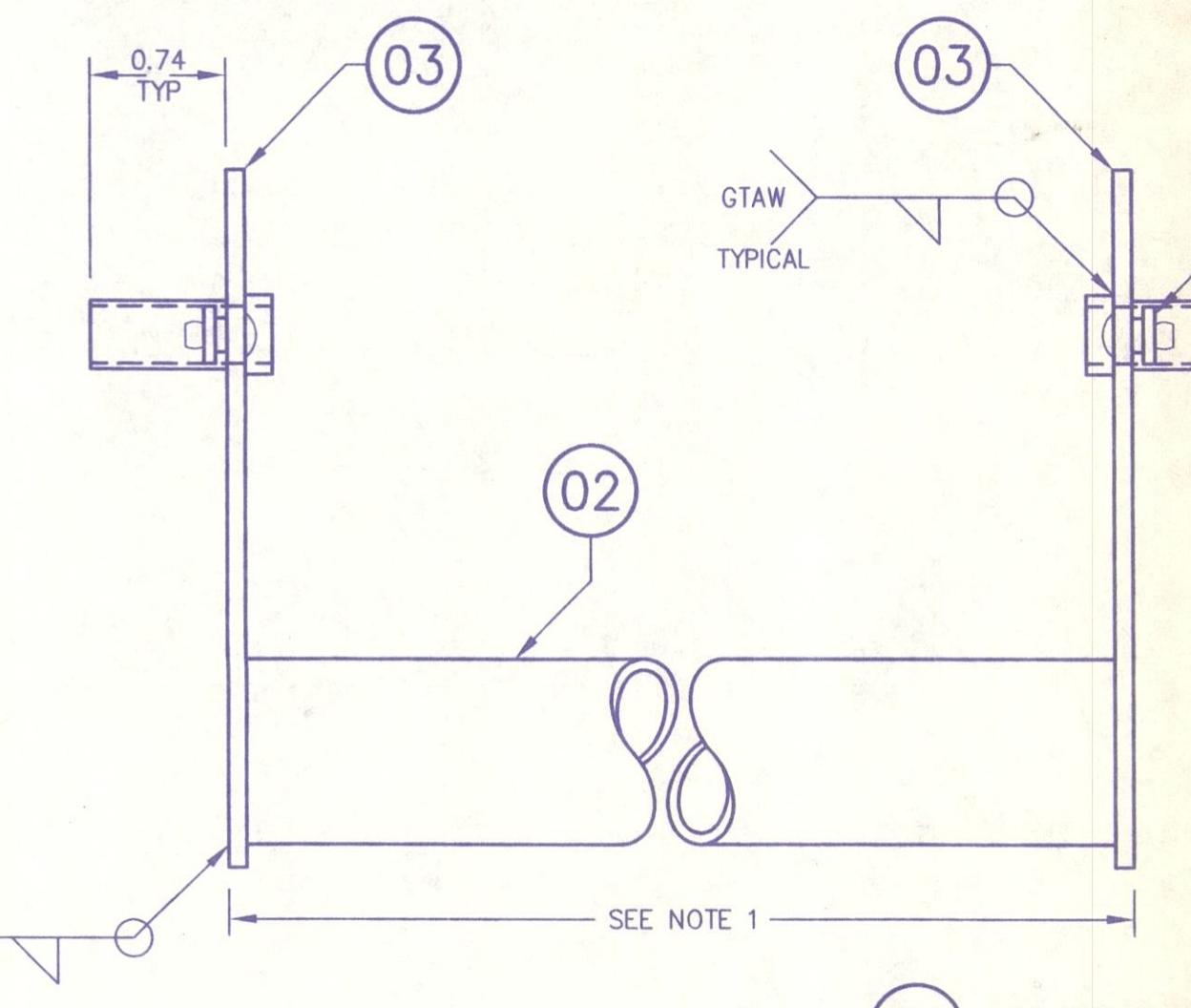
### 01 HANDLE INSTALLATION

LIST OF MATERIALS			
6	AN3-14A	BOLT	
12	AN960PD10	WASHER	
6	MS21044N3	NUT	
6	36275-01	05	BUSHING
2	36278-01	04	SPRING (1 LH, 1 RH)
1	36261-01	03	HANDLE BAR ASSEMBLY
2	36262-01	02	HANDLE BRACKET ASSEMBLY
1	36255-01	01	HANDLE INSTALLATION
QTY.	PART NO.	ITEM	DESCRIPTION

#### NOTES:

1. REMOVE ALL BURRS AND SHARP EDGES.
2. REFER TO DRAWING 36261 FOR ASSEMBLY DETAILS OF HANDLE BAR.
3. REFER TO DRAWING 36262 FOR LOCATION OF BRACKETS.

APPROVALS		DATE	
DRAWN:	STEVEN FAHEY	MAR 17/03	
CHECKED:	E. BURGOIN	MAY 01/03	
AERO DESIGN LTD.			
CONSULTING ENGINEERS, TRANSPORT CANADA APPROVALS, DAR 290M			
2013 - 39TH AVENUE N.E., CALGARY, ALBERTA, CANADA, T2E 6R7			
tel: (403) 250-8027 fax: (403) 250-8333 aerodesign@telusplanet.net			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES.			
TOLERANCES ON:			
DECIMALS	X.XXX ±0.010	ANGLES	±1/2°
X.XX ±0.03			
X.X ±0.1			
HELICOPTER CARGO BASKET HANDLE BAR INSTALLATION			
SCALE 1 : 1	DWG. SIZE	DWG. NO.	REV.
	A3	36255	0
SHEET 1 OF 1			



### 01 HANDLE BAR ASSEMBLY

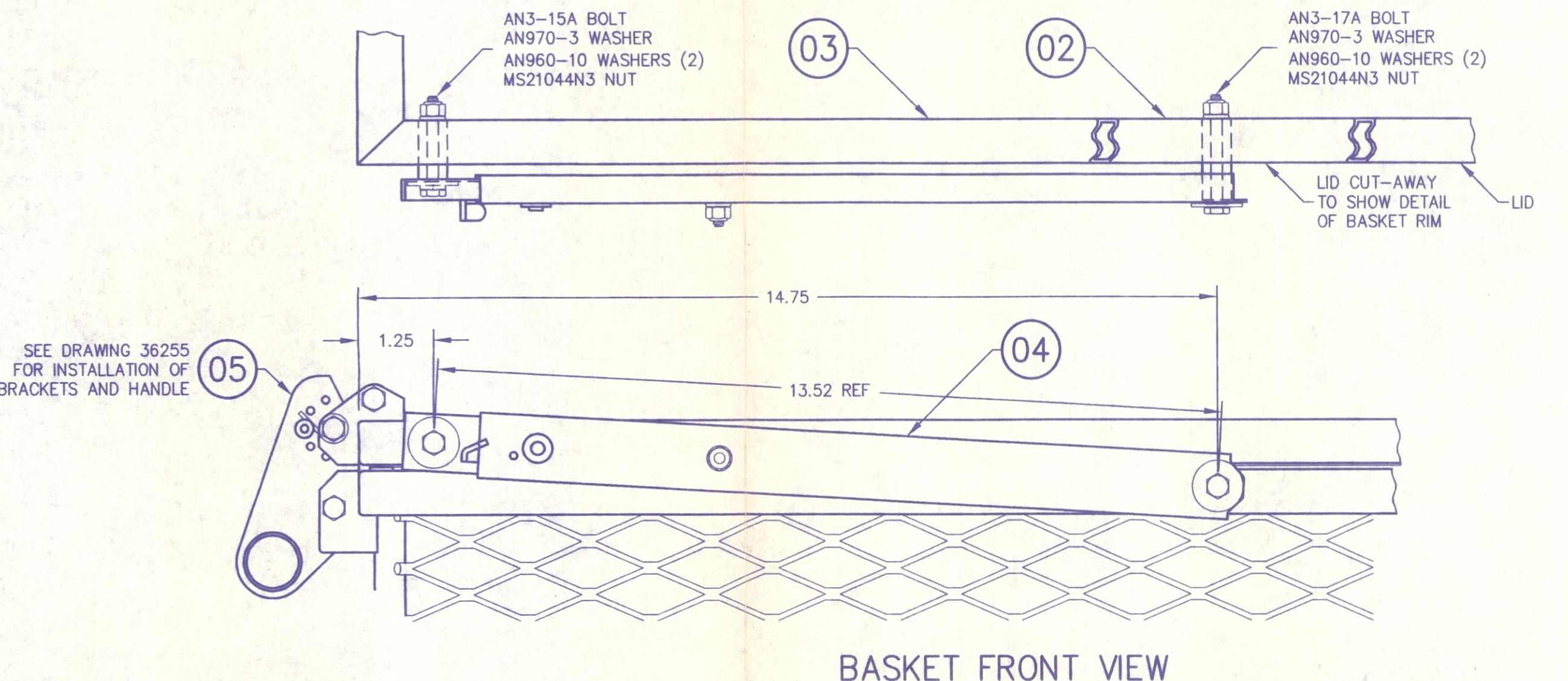
#### NOTES:

1. LENGTH OF HANDLE TO BE DETERMINED AS APPROPRIATE TO BASKET TYPE.  
BELL 407: 62.25" (REF.)  
BELL 206L: 36.50" (REF.)  
BELL 206B: 16.0" (REF.)  
AEROSPATIALE AS350: 56.75" (REF.)
2. REMOVE ALL BURRS AND SHARP EDGES.
3. WELDING TO BE COMPLETED BY GTAW METHOD TO AMS2685C USING ER308L ROD.

LIST OF MATERIALS			
2	36276-01	05	HOOK
2	36274-01	04	BUSHING
2	36271-01	03	LEVER
1	36277-01	02	HANDLE BAR
1	36261-01	01	HANDLE BAR ASSY
01	PART NO.	ITEM	DESCRIPTION

AERO DESIGN LTD.			
CONSULTING ENGINEERS, TRANSPORT CANADA APPROVALS, DAR 290M			
2013 - 39TH AVENUE N.E., CALGARY, ALBERTA, CANADA, T2E 6R7			
tel: (403) 250-8027 fax: (403) 250-8333 aerodesign@telusplanet.net			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES.			
TOLERANCES ON:			
DECIMALS	X.XXX ±0.010	ANGLES	±1/2°
X.XX ±0.03			
X.X ±0.1			
HELICOPTER CARGO BASKET HANDLE BAR ASSEMBLY			
SCALE 1 : 1	DWG. SIZE	DWG. NO.	REV.
	A3	36261	0
SHEET 1 OF 1			

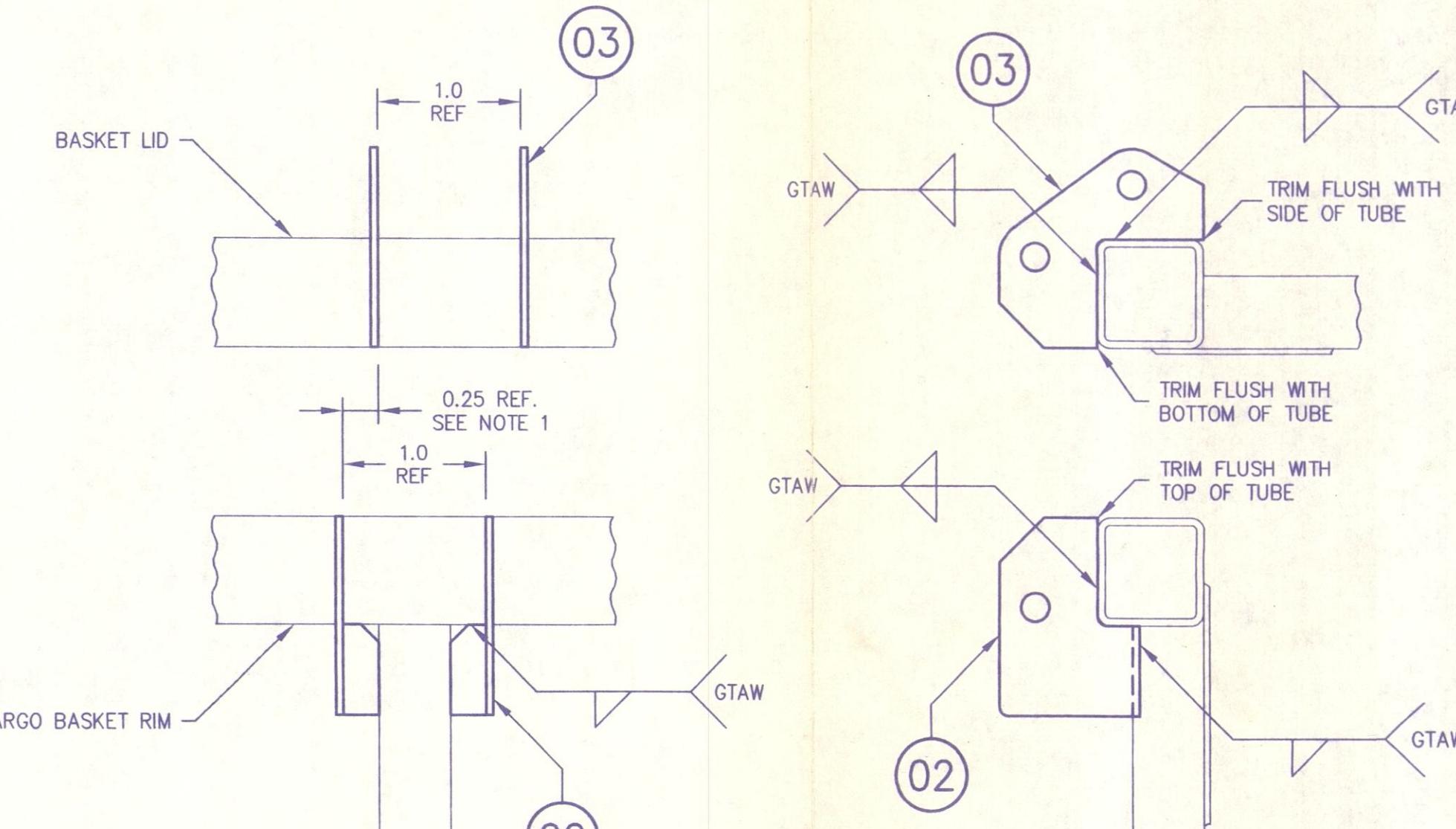
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REV. 0 DESCRIPTION OF CHANGE INITIALS DATE  
INITIAL ISSUE - CREATED FROM 36210 STF MAR 17/03



### BASKET FRONT VIEW

LIST OF MATERIALS			
2	AN970-3	WASHER	
2	AN960-10	WASHER	
2	MS21044N3	NUT	
1	AN3-17A	BOLT	
1	AN3-15A	BOLT	
1	36255-01	05	HANDLE ASSEMBLY
1	36280-01	04	BRACE
1	36252-03	03	BASKET LID ASSEMBLY
1	36252-02	02	BASKET BODY ASSEMBLY
1	36255-01	01	LID BRACE INSTALLATION
QTY.	PART NO.	ITEM	DESCRIPTION

APPROVALS		DATE	
DRAWN:	STEVEN FAHEY	APR 29/03	
CHECKED:	E. BURGOIN	APR 29/03	
AERO DESIGN LTD.			
CONSULTING ENGINEERS, TRANSPORT CANADA APPROVALS, DAR 290M			
2013 - 39TH AVENUE N.E., CALGARY, ALBERTA, CANADA, T2E 6R7			
tel: (403) 250-8027 fax: (403) 250-8333 aerodesign@telusplanet.net			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES.			
TOLERANCES ON:			
DECIMALS	X.XXX ±0.010	ANGLES	±1/2°
X.XX ±0.03			
X.X ±0.1			
HELICOPTER CARGO BASKET LID BRACE INSTALLATION			
SCALE 1 : 2	DWG. SIZE	DWG. NO.	REV.
	A2	36256	0
SHEET 1 OF 1			



### 01 HANDLE BRACKET ASSEMBLY

#### NOTES:

1. ADJUST ON ASSEMBLY AS REQUIRED TO FIT HANDLE.
2. REMOVE ALL BURRS AND SHARP EDGES.
3. WELDING TO BE COMPLETED BY GTAW METHOD TO AMS2685C USING ROD CONFORMING TO AMS 6457A.

LIST OF MATERIALS			
4	36273-01	03	LID BRACKET
4	36272-01	02	BASKET BRACKET
1	36262-01	01	HANDLE BRACKET ASSY
01	PART NO.	ITEM	DESCRIPTION

AERO DESIGN LTD.			
CONSULTING ENGINEERS, TRANSPORT CANADA APPROVALS, DAR 290M			
2013 - 39TH AVENUE N.E., CALGARY, ALBERTA, CANADA, T2E 6R7			
tel: (403) 250-8027 fax: (403) 250-8333 aerodesign@telusplanet.net			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES.			
TOLERANCES ON:			
DECIMALS	X.XXX ±0.010	ANGLES	±1/2°
X.XX ±0.03			
X.X ±0.1			
HELICOPTER CARGO BASKET HANDLE BRACKET ASSEMBLY			
SCALE 1 : 1	DWG. SIZE	DWG. NO.	REV.
	A3	36262	0
SHEET 1 OF 1			

THIS DRAWING CONTAINS INFORMATION AND DATA WHICH IS PROPRIETARY TO AERO DESIGN LTD. THIS DRAWING, OR ANY PORTION THEREOF, MAY NOT BE REPRODUCED, COPIED, OR DUPLICATED IN ANY MANNER, NOR USED FOR MANUFACTURING WITHOUT THE WRITTEN CONSENT OF AERO DESIGN LTD. BY ACCEPTING THIS DRAWING FOR REFERENCE, THE RECIPIENT AGREES TO HOLD AERO DESIGN LTD. HARMLESS FROM THE USE, OR MISUSE, OF THIS DRAWING OR THE INFORMATION CONTAINED THEREIN.  
REV. 0 DESCRIPTION OF CHANGE INITIALS DATE  
INITIAL ISSUE - CREATED FROM 36210 STF MAR 17/03

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REV.	DESCRIPTION OF CHANGE	INITIALS	DATE
1	CHANGED POSITION OF STOP BOLT (WAS 4.38")	STF	JUL 01/02
2	CHANGED POSITION OF STOP BOLT (WAS 4.31")	BJC	APR 28/04

**RETRACTED**

**EXTENDED**

**01 BRACE ASSEMBLY**

REMOVE SLIDER TO PERFORM MODIFICATION

APPROVALS	DATE	AERO DESIGN LTD.	
DRAWN: STEVEN FAHEY	MAR 18/02	CONSULTING ENGINEERS, TRANSPORT CANADA APPROVALS, DAR 290M 2013 - 39TH AVENUE N.E., CALGARY, ALBERTA, CANADA, T2E 6R7 tel: (403) 250-8027 fax: (403) 250-8333 aerodesign@telusplanet.net	
CHECKED: E. BURGOIN	MAY 01/03		

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ON: DECIMALS                    ANGLES	HELICOPTER CARGO BASKET LID BRACE ASSEMBLY
X.XXX ±0.010            ±1/2°	SCALE 1 : 2      DWG. SIZE      DWG. NO.      REV.
X.XX ±0.03	A3      36280      2
X.X ±0.1	SHEET 1 OF 2

**LIST OF MATERIALS**

QTY.	PART NO.	ITEM	DESCRIPTION	MATERIAL
1	MS21042N3		NUT	
A/R	AN960-10		WASHER	
1	AN3-4A		BOLT	
1	36280-02	02	MODIFIED SLIDER	VICTORIA BRITISH
	36280-01	01	BRACE ASSEMBLY	
01	PART NO.	ITEM	DESCRIPTION	MATERIAL

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REV.	DESCRIPTION OF CHANGE	INITIALS	DATE
1	CHANGED SIZE OF SLOT	STF	JUL 01/02
2	CHANGED LOCATION OF SLOT	BJC	APR 28/04

**02 MODIFIED SLIDER**

REMOVE FROM GUIDE TO PERFORM MODIFICATION

APPROVALS	DATE	AERO DESIGN LTD.	
DRAWN: STEVEN FAHEY	MAR 18/02	CONSULTING ENGINEERS, TRANSPORT CANADA APPROVALS, DAR 290M 2013 - 39TH AVENUE N.E., CALGARY, ALBERTA, CANADA, T2E 6R7 tel: (403) 250-8027 fax: (403) 250-8333 aerodesign@telusplanet.net	
CHECKED: E. BURGOIN	MAY 01/03		

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ON: DECIMALS                    ANGLES	HELICOPTER CARGO BASKET LID BRACE SLIDER MODIFICATION
X.XXX ±0.010            ±1/2°	SCALE 1 : 2      DWG. SIZE      DWG. NO.      REV.
X.XX ±0.03	A3      36280      2
X.X ±0.1	SHEET 2 OF 2

**LIST OF MATERIALS**

QTY.	PART NO.	ITEM	DESCRIPTION	MATERIAL
1	9-2081		LID BRACE	VICTORIA BRITISH
	36280-02	02	MODIFIED SLIDER	
01	PART NO.	ITEM	DESCRIPTION	MATERIAL